

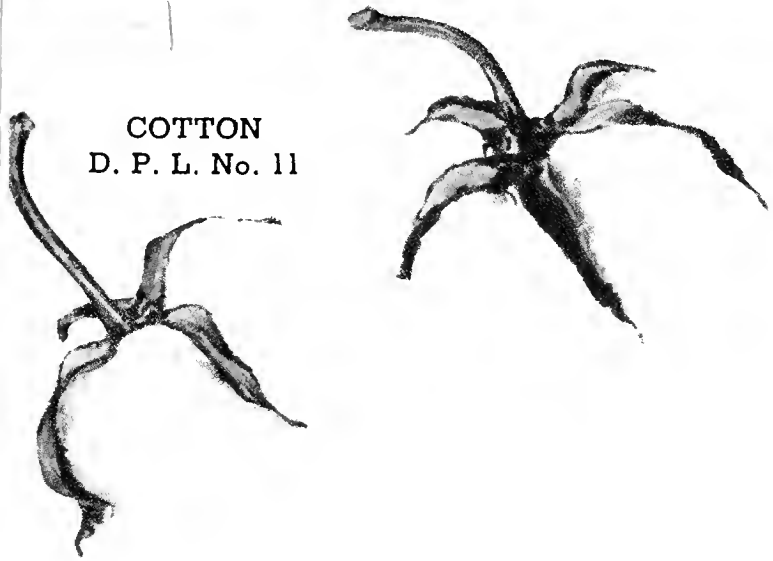
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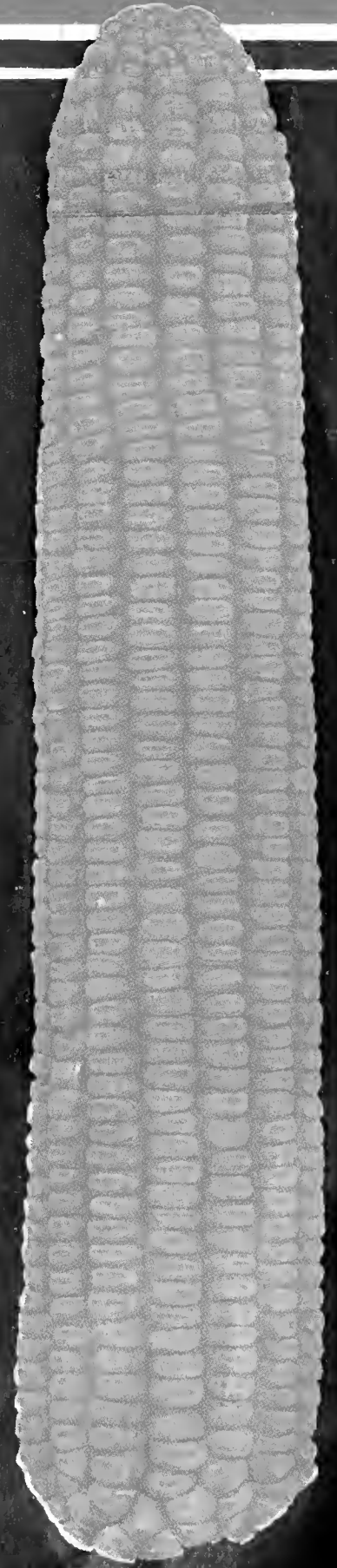
# TOP NOTCH SEEDS

COTTON  
D. P. L. No. 11



1936

ALFALFA  
R. H. Co.'s Dakota 12



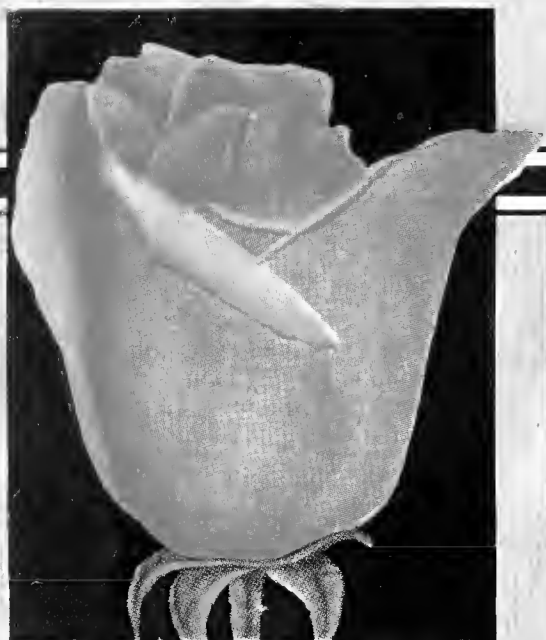
JARVIS GOLDEN  
PROLIFIC CORN

# RUSSELL-HECKLE SEED CO.

MEMPHIS, TENN.

# Lovely California Roses

## Hardy Field Grown Plants



Condessa de Sastaga

### SPECIAL OFFER

One each above 12 varieties. Regular value \$6.00.

**Only \$4.40**

Two each above 12 varieties. Regular value \$12.00.

**Only \$8.50**

All parcel post paid.

### Other Roses

For list and prices on many more varieties of fine two year California grown Rose Bushes, see page 52.



Sensation

**Autumn.** Burnt orange and marked with red, fragrant. A descendant of Sensation and Souv. de Claudius Pernet.

**Condessa de Sastaga.** Illustrated. Double blooms, the petals are coppery pink inside, and golden reverse.

**Edith Nellie Perkins.** Light cerise inside of petals, salmon with golden tints. Plant is vigorous with glossy disease resistant foliage.

**Golden Emblem.** Illustrated. Large double blooms of rich golden yellow, a glorious California variety.

**Imperial Potentate.** Deep rose pink, long pointed buds of good size. Erect branching plant. Healthy and very vigorous.

**Joanna Hill.** Splendid clear yellow with golden heart. A very attractive vigorous grower. Buds very large and long, pointed, full and very lasting.

**Mme. Butterfly.** Beautiful buds and flowers of light soft pink, tinted yellow at base of petals, very highly scented and free blooming.

**Mrs. Sam McGredy.** Beautiful coppery orange of rich and dazzling effect of beautiful form.

**Ophelia.** Always admired for its long, shapely pointed buds, double flowers of salmon flesh, shading to light yellow. A free and continuous bloomer.

**Pres. Herbert Hoover.** Illustrated. A glorious rose, having a splendid combination of cerise pink flame, scarlet and yellow, beautifully pointed, large thick heavy petals.

**Sensation,** Illustrated. Splendid large crimson scarlet, perfect long buds, a strong, vigorous grower, sweetly scented, double flowers.

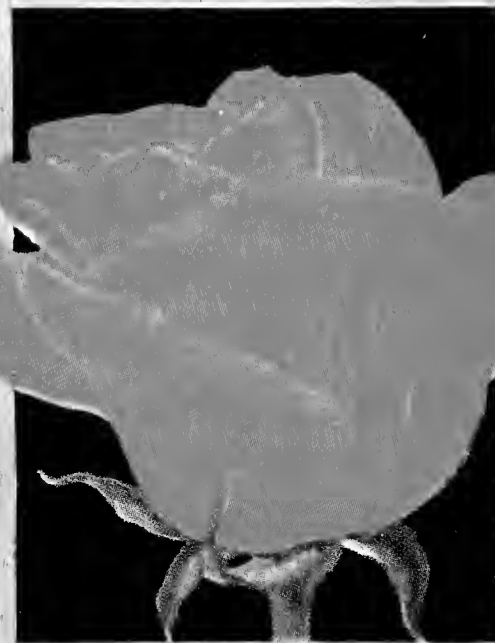
**White Killarney.** A pure snowy white, double flower, large and of perfect shape, very free bloomer.

Our California field grown hardy bush roses are strictly two year old stock, sturdy and healthy, number one grade, guaranteed true to name. All orders for California grown roses will be filled and shipped about the **first part of March next.** We cannot supply them earlier.

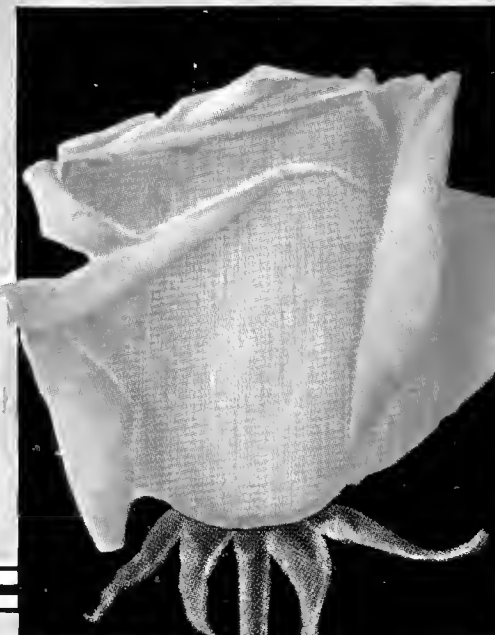
### Twelve Wonderful Roses that will bloom this summer

The Acme of Perfection—fine ever-blooming varieties. You will be delighted when you see them blooming.

**Price Any of the Following Varieties**  
Each 50c By Mail 60c



Golden Emblem



President Herbert Hoover

Tri-Ogen makes roses healthy, prevents black spot, kills insects. Small kit, makes 16 quarts, \$1.50; postpaid \$1.70.

# R. H. Company Specialties

## Make Gardening a Real Pleasure

**T**HE NEW VARIETIES we have are outstanding, extra good ones, that have been thoroughly proven, they are real leaders in their respective classes.

A great deal of pleasure in gardening lies in growing something new and in being pleasantly surprised. Be sure to include some of the newer sorts of vegetables in your order.

### McCrea's Bush Lima Bean

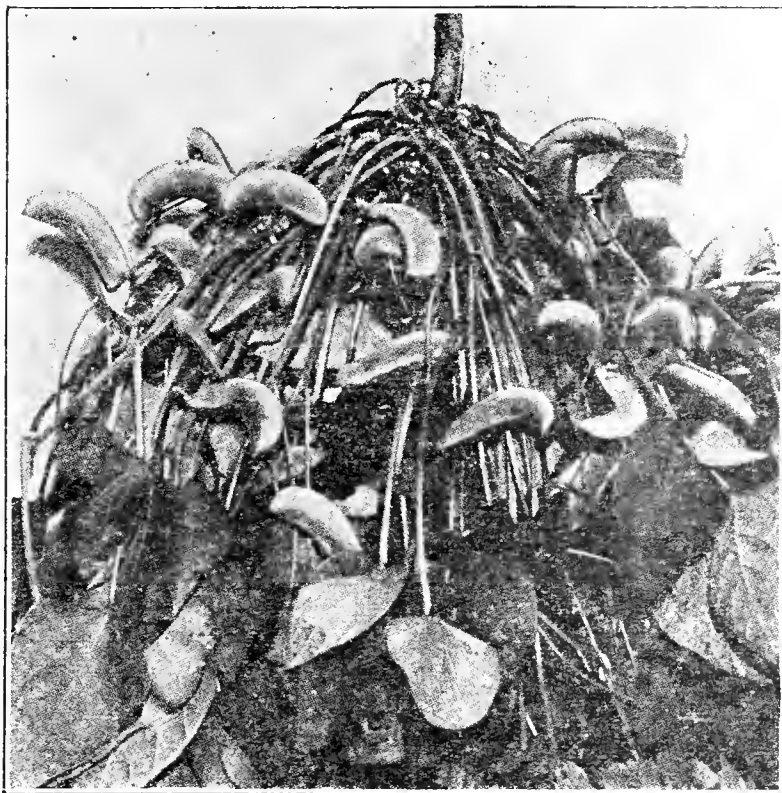
The new Bush Lima that is different and has real merit. Small pod like Henderson's but bean is thick, large and green seeded retaining a green tint when cooked. Unusually sweet in flavor and tender.

The vines stand the heat and will put on a good crop throughout the entire summer. Postpaid, Packet, 15c;  $\frac{1}{2}$  lb., 30c; 1 lb., 50c; 2 lbs., 80c. Not prepaid: Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 45c; 2 lbs., 70c.

### SPECIAL OFFER

To induce you to try these splendid new vegetables. We will send you one packet each of above 6 varieties. Regular value, 70c, for only

**50c** postpaid



McCrea's Bush Lima

### Top Cross Golden Bantam Sugar Corn

This new Stewarts wilt-resistant hybrid sugar corn will make crops where other varieties fail, on account of its vigor and disease resistant merits.

The sturdy stalks have broad green leaves that withstand adverse conditions. Ears are  $7\frac{1}{2}$  to 8 inches long; 10 to 14 rows of highest golden yellow kernels. Produces marked increase in yield and surprisingly uniform stalks and ears—matures about 10 days earlier than ordinary Golden Bantam. Postpaid, pkt., 15c;  $\frac{1}{2}$  lb., 30c; 1 lb., 45c; 2 lbs., 80c. Not prepaid: Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 2 lbs., 70c.

### Long Island Beauty Sugar Corn

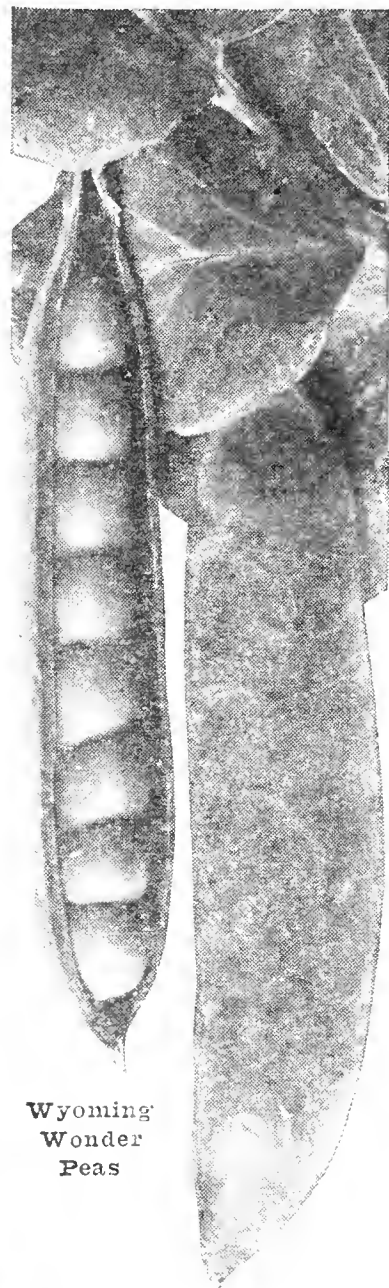
Here is a distinct and valuable garden corn, succeeds well in this section. The ears grow 10 inches long with 16 rows of large Sweet White Luscious grains, which are always tender and of finest flavor. It remains in condition for roasting ears, longer than any other Sweet Corn. One of the tall growing, robust, medium early varieties that bears large size ears. Postpaid: Pkt., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c. Not prepaid: Pkt., 10c;  $\frac{1}{2}$  lb., 15c; 1 lb., 30c; 2 lbs., 50c.

### R. H. Co.'s Early Perfection Cabbage

Extremely early, round headed cabbage. Will mature as early as the large Wakefield, about 68 days. Very uniform in size and maturity, thus making Early Perfection a superior variety for early market. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c; 2 oz., 90c;  $\frac{1}{4}$  lb., \$1.50;  $\frac{1}{2}$  lb., \$2.50; 1 lb., \$4.75, postpaid.

### R. H. Co.'s Steadfast Cabbage

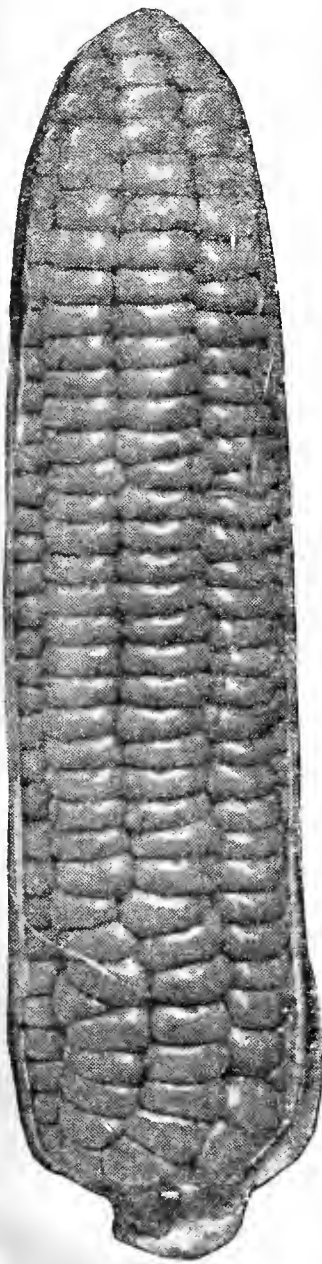
This variety is a marvel for early maturing. Heads are round, solid and profitable for early market. No variety comes earlier. Pkt., 10c;  $\frac{1}{2}$  oz., 50c; oz., 75c; 2 oz., \$1.20;  $\frac{1}{4}$  lb., \$1.90;  $\frac{1}{2}$  lb., \$3.50; 1 lb., \$6.50.



Wyoming Wonder Peas

### Wyoming Wonder Peas

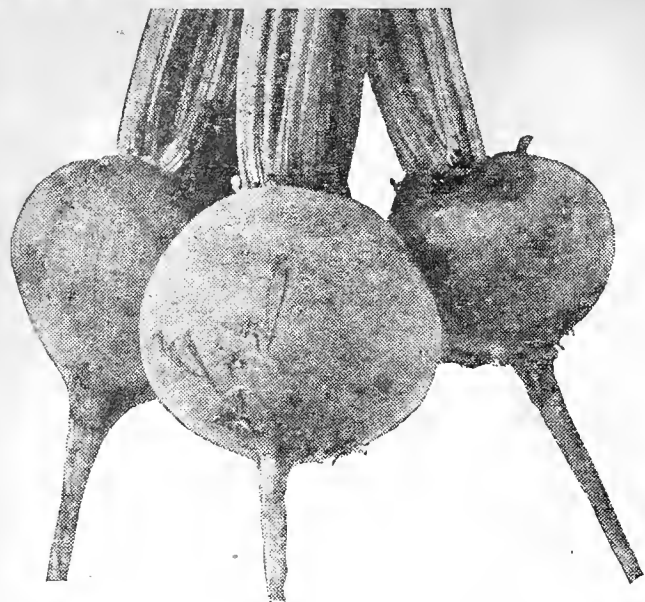
A real giant podded variety, vines about 18 inches tall, pods average 5 inches long and have 8 to 9 large peas, both pods and peas are dark green, of high quality and very productive. Postpaid: Pkt., 10c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 2 lbs., 60c. Not prepaid: Pkt., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 50c.



Top Cross Golden Bantam



R. H. Co.'s Early Perfection Cabbage



Ohio Canner Beet

## OHIO CANNER BEET

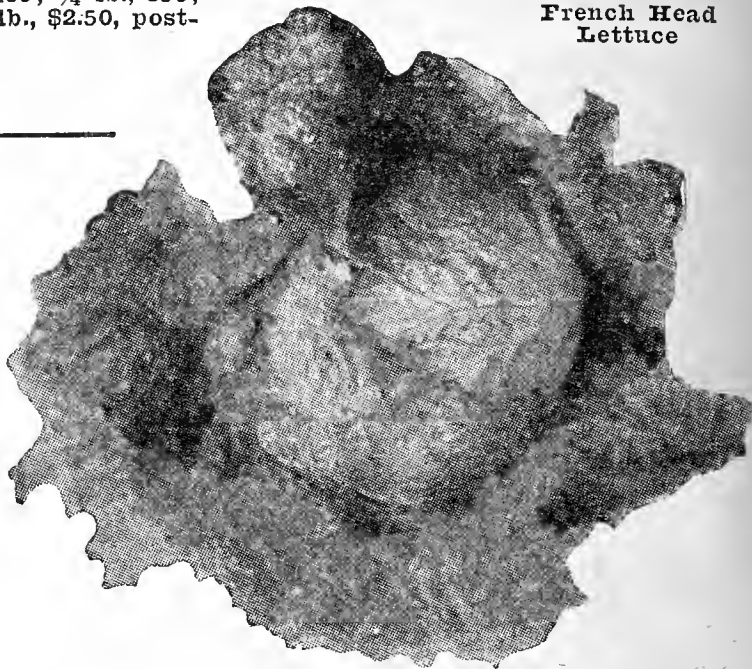
A valuable variety for home gardeners and market growers who cater to a select market. The tender and sweet roots are uniform and well rounded. Skin is smooth and rich red. The flesh is blood-red, showing no zones, and retains its color very nicely after canning. Foliage is reddish green. Whether young or old, small or large, they are always tender and sweet; 50 days. **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 75c, postpaid.**

## SPECIAL LETTUCE

### French Head

A grand new variety, earlier by 10 days than Big Boston. It produces a beautiful attractive uniform compact head of light green, silvery white inside and of unexcelled quality. It is far more resistant to tip burn than any other variety of lettuce. In quality, appearance, hard-heading, it is in a class of its own. Don't fail to include a packet of this grand new lettuce in your order. **Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 85c; ½ lb., \$1.50; 1 lb., \$2.50, postpaid.**

French Head Lettuce



## LONG STANDING

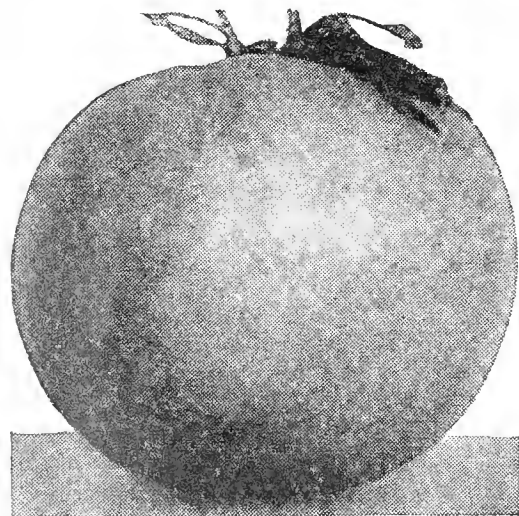
### Southern Giant Curled Mustard

A selection from Southern Giant Curled Mustard, having remarkable long standing qualities, remains in edible condition 10 to 12 days longer than the ordinary variety. Leaves finely crimped and curled, are bright green in color and of fine quality. **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 30c; ½ lb., 45c; 1 lb., 60c, postpaid.**

## NEW PENN. STATE TOMATO

A grand new variety, brought to perfection after seven years of breeding by the Penn. State College School of Agriculture. The New Penn. State Tomato plants are compact, of determinate growth. The fruit, formed in clusters, is a beautiful rich scarlet, nearly globe shaped, extra early. It has dark red flesh and very few seeds. It is a tremendous

yielder, every plant loaded with great clusters of perfect tomatoes. Don't fail to plant America's newest Penn. State Tomato. **Pkt., 10c; 3 pkts., 25c; ½ oz., \$1.00; oz., \$1.85; 2 oz., \$3.50; ¼ lb., \$6.00; ½ lb., \$10.00; 1 lb., \$20.00, postage paid.**



New Penn. State Tomato

mildness of its thick flesh. **Pkt., 10c; ½ oz., 40c; oz., 75c; 2 oz., \$1.25; ¼ lb., \$1.75; ½ lb., \$3.25; 1 lb., \$5.75, postpaid.**

## R. H. Co's DEE-LICIOUS CANTALOUPE

Ripens in about 82 days; has deep orange flesh, of the finest flavor; sweet and sugary, oval in shape, covered with light green fine netting. The individual melons weigh about 2 lbs. each.

Our grower states it is simply Dee-Licious. See that the melons are fully ripe before picking and you will enjoy the finest, sweetest cantaloupe and one that in aroma and quality is superb. If you are growing for market, plant Dee-Licious and your customers will be waiting anxiously for you to come back soon with more of those grand, good, melons. **Pkt., 10c; 3 pkts., 25c; oz., 30c; 2 oz., 45c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.00, postpaid.**

## NEW MARVELOUS PEPPER

Here is a Pepper that will win your highest praise whether you grow for market or home use. The Peppers are broad, long, intensely rich scarlet in color, of enormous size. Attractive in shape, and the best of all they yield abundantly where other varieties do not yield so heavy. It is marvelous in size, yield and

The fruits keep well and can be stored and used as wanted. Try a packet. We feel sure you will like Vegetable Spaghetti. **Pkt., 10c; ½ oz., 25c; oz., 40c, postpaid.**

## VEGETABLE SPAGHETTI

Belongs to the Cucumber family. Sets fruits freely just like the squash. These are about 8 inches long and about four inches in diameter. Skin smooth, creamy white. You pick when well matured, and cook whole without cutting in boiling water for about 18 minutes. Then cut open and you will find a quantity of stringy spaghetti like contents, which is quite tasty when seasoned with salt, vinegar, sauce, etc.



New Marvelous Pepper

## SPECIAL OFFER

To induce you to try these splendid new vegetables. One packet each of above 7 varieties.

REGULAR VALUE—70c—POSTPAID for.....

**50c**

# RUSSELL-HECKLE'S 1936 Catalog

In serving the Farmers, Gardeners and General Public, we have always kept before us the importance of high quality. Our stocks are raised for us by the most dependable growers in the climate where they succeed best. Careful germination tests are made on all seeds before they are accepted, and during the summer months the checking of growing crops for purity and trueness is given our close attention. Sow Russell-Heckle's Top Notch Seeds to avoid failure.

## PRICES

The prices we quote on vegetables and flower seeds will hold good as long as stocks last. The prices on all farm seeds, grain, etc., are those ruling January 2nd, 1936, and are subject to market changes. As far as possible we will fill all orders for such seeds in full, but if market values will not permit this we will send all that money remitted will pay for.

## NON-WARRANTY

Russell-Heckle Seed Company gives no warranty, express or implied, as to description quality, productiveness of any seeds, plants, bulbs or nursery stock they send out, and they will not be in any way responsible for the crop.

## IN EXPLANATION

Most of the failures with seeds, plants, bulbs, etc., are due to unfavorable weather or soil conditions, too deep or shallow planting, etc., all causes beyond our control; therefore it is impossible for us to guarantee success.

But you can take our seed home, examine them, test them, call in your County Agent, and if our seeds are not as represented, return them at once, and we will cheerfully refund your money.

**RUSSELL-HECKLE SEED CO.**  
Sales Department, 26 South Front St.  
Wholesale Warehouse, Linden Station  
Memphis, Tenn.

January 2nd, 1936.

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# When to Plant—Field Seeds—How Much to Plant

One acre of land contains approximately 210 x 210 feet or 43500 square feet

VARIETY	When to Plant	Quantity for an Acre	Distance Between Rows	Distance Apart in the Row	Depth to Plant	Pounds to the Bushel
ALFALFA.....	Mar., Apr.—Sept., Oct.	25 to 30 lbs.	Broadcast	Broadcast	¾ to 1 in.	60 lbs.
ARTICHOKES, JERUSALEM.....	Mar., April, May	3 to 4 bus.	3½ to 4 ft.	15 to 18 ins.	4 ins.	50 lbs.
BARLEY.....	Sept., Oct.	1½ bu.	Broadcast	Broadcast	2 ins.	48 lbs.
BEEF, MANGEL STOCK.....	March, April, May	6 to 8 lbs.	18 to 24 ins.	8 ins.	1 in.	30 lbs.
BROOM CORN.....	April, May, June	6 to 8 lbs.	3½ ft.	8 to 10 ins.	1 in.	46 lbs.
BUCKWHEAT.....	May, June, July	1 bu.	Broadcast	Broadcast	1 in.	50 lbs.
BEANS, NAVY FIELD.....	May, June, July	1 to 1½ pks.	4 ft.	6 to 8 ins.	1 in.	60 lbs.
BLACK MEDIC.....	Feb., Mar., April	18 to 20 lbs.	Broadcast	Broadcast	½ in.	60 lbs.
CHUFAS.....	April to June	1 pk.	3 ft.	15 to 18 ins.	2 ins.	44 lbs.
CLOVER, ALSIKE.....	Mar. to May—Sept.	6 to 8 lbs.	Broadcast	Broadcast	¾ to 1 in.	60 lbs.
CLOVER, BURR.....	Aug., Sept., Oct.	30 to 40 lbs.	Broadcast	Broadcast	½ in.	10 lbs.
CLOVER, CRIMSON.....	Aug., Sept., Oct.	15 to 15 lbs.	Broadcast	Broadcast	½ in.	60 lbs.
CLOVER, HOP.....	Feb., Mar., Apr.—Sept.	10 to 12 lbs.	Broadcast	Broadcast	¼ in.	60 lbs.
CLOVER, SWEET MELILOTUS.....	Mar., Apr.—Sept., Oct.	15 to 25 lbs.	Broadcast	Broadcast	¼ in.	60 lbs.
CLOVER, MAMMOTH SAPLING.....	Mar., Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	½ in.	60 lbs.
CLOVER, RED.....	Mar., Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	½ in.	60 lbs.
CLOVER, WHITE DUTCH.....	Feb., Mar.—Sept., Oct.	4 to 6 lbs.	Broadcast	Broadcast	¼ in.	60 lbs.
COW PEAS, IN DRILLS.....	Apr., May, June, July	½ to 1 bu.	18 to 24 ins.	2 to 3 ins.	2 ins.	60 lbs.
COW PEAS, BROADCAST.....	Apr., May, June, July	1½ to 2 bus.	Broadcast	Broadcast	2 ins.	60 lbs.
CANADA FIELD PEAS.....	Jan., Feb., March	1½ to 2 bus.	Broadcast	Broadcast	2 ins.	60 lbs.
CORN, FIELD.....	April to August	4 to 6 qts.	3½ to 4 ft.	18 to 24 ins.	2 ins.	56 lbs.
CROTALARIA.....	April, May, June	12 to 15 lbs.	Broadcast	Broadcast	½ to ¾ in.	40 lbs.
CROTALARIA, DRILLS.....	April, May, June	5 to 6 lbs.	2 ft.	10 to 12 ins.	½ to ¾ in.	40 lbs.
COTTON SEED.....	April, May, June	1 bu.	3½ to 4 ft.	12 to 15 ins.	¾ to 1 in.	32 lbs.
EGYPTIAN WHEAT, SHALLU.....	May, June, July	10 to 12 lbs.	• 3½ ft.	12 to 15 ins.	1½ to 2 ins.	50 lbs.
FETERITA.....	May, June, July	6 to 8 lbs.	3½ to 4 ft.	4 to 5 ins.	1½ to 2 ins.	50 lbs.
KAFFIR CORN.....	May, June, July	6 to 8 lbs.	3½ to 4 ft.	4 to 6 ins.	1½ to 2 ins.	50 lbs.
HEGARI.....	April, May, June	8 to 10 lbs.	3½ to 4 ft.	4 to 6 ins.	1 to 1½ ins.	50 lbs.
GRASS, BERMUDA.....	April to June—Sept.	10 to 12 lbs.	Broadcast	Broadcast	¼ in.	40 lbs.
GRASS, BLUE.....	Feb. to April—Sept., Oct.	60 to 75 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
GRASS, CARPET.....	March, April—Sept.	20 to 30 lbs.	Broadcast	Broadcast	½ in.	10 lbs.
GRASS, DALLAS.....	March, April, May	8 to 10 lbs.	Broadcast	Broadcast	½ in.	10 lbs.
GRASS, LAWN.....	Feb., Mar.—Sept., Oct.	60 to 75 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
GRASS, ORCHARD.....	Feb. to Apr.—Sept., Oct.	20 to 24 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
GRASS, RED TOP, HERDS.....	Feb. to Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
GRASS, PASTURE.....	Feb. to Apr.—Sept., Oct.	30 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
GRASS, WINTER RYE.....	Sept., Oct., Nov.	100-150 lbs.	Broadcast	Broadcast	½ in.	24 lbs.
GROHOMA.....	April, May, June	4 to 5 lbs.	3½ to 4 ft.	8 to 10 ins.	1 to 1½ ins.	50 lbs.
LESPEDEZA, JAPAN CLOVER.....	Feb., Mar., April	1 bu.	Broadcast	Broadcast	¼ in.	25 lbs.
LESPEDEZA SERICEA.....	April, May	20 to 30 lbs.	Broadcast	Broadcast	¼ in.	40 lbs.
LESPEDEZA SERICEA, DRILL.....	April, May	3 to 4 lbs.	3 ft.	6 to 8 ins.	¼ in.	40 lbs.
MILLET, HUNGARIAN.....	April to August	1 to 1¼ bus.	Broadcast	Broadcast	½ in.	48 lbs.
MILLET, TENN. GERMAN.....	April to August	1 to 1½ bus.	Broadcast	Broadcast	½ in.	50 lbs.
MILLET, PEARL.....	May, June, July	8 to 10 lbs.	3 to 3½ ft.	4 to 6 ins.	½ in.	48 lbs.
MILLET, JAPANESE.....	May, June, July	20 to 25 lbs.	Broadcast	Broadcast	½ in.	50 lbs.
MILO MAIZE.....	May, June, July	6 to 8 lbs.	3 to 3½ ft.	4 to 5 ins.	1 in.	50 lbs.
MUNG BEANS.....	May, June, July	8 to 10 lbs.	3 to 3½ ft.	2 to 4 ins.	1 in.	60 lbs.
OATS.....	Feb., Mar.—Sept., Oct.	2 to 2½ bus.	Broadcast	Broadcast	1 to 2 ins.	32 lbs.
PEANUTS.....	May, June	35 to 40 lbs.	3 to 3½ ft.	10 to 12 ins.	2 ins.	22 lbs.
PEAS, STOCK.....	May, June, July	1½ to 2 bus.	Broadcast	Broadcast	2 ins.	60 lbs.
PEAS, AUSTRIAN WINTER.....	Aug., Sept., Oct.	30 to 35 lbs.	Broadcast	Broadcast	2 ins.	60 lbs.
POTATOES, IRISH.....	Feb., Mar., Apr.—July, Aug.	10 to 12 bus.	3 to 3½ ft.	15 to 18 ins.	4 ins.	60 lbs.
RAPE, ESSEX.....	Feb., Mar., Apr.—Aug. to Oct.	6 to 10 lbs.	2 to 3 ft.	4 to 6 ins.	½ in.	50 lbs.
RYE, COMMON.....	Sept., Oct., Nov.	1 to 1¼ bus.	Broadcast	Broadcast	2 ins.	56 lbs.
RYE, ABRUZZI.....	Sept., Oct., Nov.	¾ to 1 bus.	Broadcast	Broadcast	2 ins.	56 lbs.
SAGRAIN.....	Apr., May, June, July	8 to 10 lbs.	3 to 3½ ft.	4 to 5 ins.	1 in.	50 lbs.
SORGHUM, DRILL.....	Apr., May, June, July	8 to 10 lbs.	3½ to 4 ft.	4 to 5 ins.	1 in.	50 lbs.
SORGHUM, FOR HAY.....	Apr., May, June, July	50 to 75 lbs.	Broadcast	Broadcast	1 in.	50 lbs.
SOY BEANS, SMALL SEED.....	Apr., May, June, July	1 bu.	Broadcast	Broadcast	1 to 2 ins.	60 lbs.
SOY BEANS, DRILL, Small Seed.....	Apr., May, June, July	1 pk.	3 to 3½ ft.	4 to 5 ins.	1 to 2 ins.	60 lbs.
SOY BEANS, LARGE SEED.....	Apr., May, June, July	1½ bus.	Broadcast	Broadcast	1½ to 3 ins.	60 lbs.
SOY BEANS, DRILL, Large Seed.....	Apr., May, June, July	½ bu.	3½ to 5 ft.	4 to 6 ins.	1½ to 3 ins.	60 lbs.
SUDAN GRASS.....	Apr., May to Aug.	25 to 30 lbs.	Broadcast	Broadcast	1 in.	40 lbs.
SUNFLOWER.....	May, June	6 to 8 lbs.	3½ to 4 ft.	15 to 18 ins.	1 in.	25 lbs.
TIMOTHY.....	March, April—Sept., Oct.	15 lbs.	Broadcast	Broadcast	¼ to ½ in.	45 lbs.
TEOSINTE.....	May, June	3 to 4 lbs.	3 to 4 ft.	4 to 6 ins.	1 in.	50 lbs.
THOUSAND-HEADED KALE.....	Mar. to May—Aug., Sept.	4 to 5 lbs.	Broadcast	Broadcast	½ in.	50 lbs.
VETCH, WINTER VARIETY.....	Aug. to Nov.	20 to 25 lbs.	Broadcast	Broadcast	2 ins.	60 lbs.
VELVET BEANS.....	May, June	¼ to ½ bu.	4 to 5 ft.	2 to 2½ ft.	3 to 4 ins.	60 lbs.
WHEAT.....	Sept., Oct., Nov.	5 pks.	Broadcast	Broadcast	2 ins.	60 lbs.



# WHEN AND WHAT TO PLANT

**THE RIGHT TIME** for sowing all seeds as we give them in the different months, should naturally be governed by the conditions of the weather and the soil.

**JANUARY**—Sow in hotbeds: Cabbage, Lettuce, Beets, Onion, Tomato and Cauliflower.

Sow outdoors the latter part of the month: Turnips, Mustard, Spinach, and English Peas.

**FEBRUARY**—Sow outdoors: Radish, Turnip, Mustard, Spinach, Onion Seed, and English Peas. Set out Onion Sets and Onion Plants. Sow Sweet Peas.

Sow in hotbeds: Cabbage, Beet, Tomato, Eggplant, Kohlrabi, Lettuce, and Pepper.

Set out frost-proof Cabbage Plants. Sow Lawn Grass. Sow Oats, Canada Field Peas, Red Top, Orchard Grass and Lawn Seed. Set out Grape Vines and Fruit Trees. Spray trees now.

**MARCH**—This is the month to begin general garden operations. Sow outdoors: Cabbage, Lettuce, Carrot, Beets, Parsley, Parsnips, Leek, Onion Seeds, Salsify, Spinach, English Peas.

Plant Onion Sets, Irish Potatoes. Sow Sweet Peas. Plant Early Corn. Set frost-proof Cabbage Plants, Onion, Cauliflower and Lettuce plants, Asparagus, Horseradish and Rhubarb roots.

Sow: Clover, Grasses, Oats, Alfalfa, Lawn Grass, Rape, Lespedeza.

Set out fruit trees of all kinds, Strawberry, Raspberry and Blackberry plants. Continue to spray trees.

**APRIL**—Sow Beets, Bush, Pole Beans, Carrots, Cress, Celery, Cucumber, Endive, Leek, Lettuce, Mustard, Okra, Parsley, Parsnip, Kohlrabi, Herbs, Peas, Radish, Swiss Chard, Squash, Tomato, and Turnip. Set out Onion Sets; plant Potatoes and Corn. Set Cabbage, Beet, Onion and Lettuce plants.

Sow all kinds of Flower Seeds and plant Spring Bulbs.

Sow Rape, Clovers, Alfalfa, Millet, Sorghum, Kaffir Corn, Lespedeza, Sudan, Orchard and Herd's Grass. Plant Cotton, Corn, Artichokes, Crotalaria.

Continue your spray work on Fruit Trees.

**MAY**—Plant Bush, Pole, Lima Beans, Beets, Cabbage, Carrot, Corn, Cucumber, Cantaloupe, Endive, Eggplant, Lettuce, Mustard, Okra, Pepper, Parsley, Parsnips, Peas, Pumpkin, Squash, Swiss Chard, Spinach, Tomato.

Sow Flower Seeds; put out Flower Bulbs: Cabbage, Tomato, Pepper, Eggplant and Sweet Potato slips. Sow Millet,

Sorghum, Sudan. Bermuda Grass, Cow Peas, Chufas, Peanuts, Field Corn and Popcorn, Soy, Velvet Beans, Cotton, Kaffir Corn, Milo Maize, Sagrain.

**JUNE**—As you get space in your garden, plant Corn, Cucumbers, Cantaloupes, Collards, Pumpkin, Okra, Squash, Watermelon, Swiss Chard, Salsify, Carrots, Savoy Cabbage, and late Beets. Set out Tomato, Eggplant, Pepper and Sweet Potato plants. Sow a later crop of Bush, Lima and Pole Beans. Sow Tomato seed for Fall Crop.

Sow Stock Peas, Soy Beans, Buckwheat, Broom Corn, Sorghum, Velvet Beans, Sudan, Bermuda Grass, Millet, Mexican June Corn and Sagrain.

**JULY**—Plant for late crops Corn, Cucumbers, Carrots, Savoy Cabbage, Collards, Tomato Seed, Bush, Pole and Lima Beans, Okra, Squash, Potatoes, Pumpkin, Rutabaga, Turnips.

Sow in the field: Cow Peas, Millet, Sorghum, Soy Beans, Sagrain, Sudan Grass, Mexican June Corn, Buckwheat.

**AUGUST**—Begin to plant now your Fall Garden. If weather is favorable, sow Turnips, Kale, Radish, Rutabagas, Collards, Mustard, Beet, Bush and Pole Beans, Lettuce, Cucumbers, Squash; plant Potatoes for late crop.

Sow Crimson, Burr Clover and Millet.

**SEPTEMBER**—Get busy on your Fall Garden. Sow Turnips, Rutabagas, Kale, Mustard, Swiss Chard, Spinach, Lettuce, Endive, Radish, Onion Seed. Set out Shallots, Onion Sets. Sow Crimson, Burr, Alfalfa, Red Clover, Grass Seeds, Vetch, Austrian Winter Peas, Rye, Barley, Winter Oats, Rape.

**OCTOBER**—Sow Spinach, Kale, Seven Top Turnips, Mustard. Set out Onion Sets, Shallots.

Sow Rye, Barley, Winter Oats, Wheat, Vetch, Austrian Peas, Rape, Alfalfa, Red Clover, Burr Clover, Grass Seeds, Lawn Grass Seed.

**NOVEMBER**—Set out Onion Sets and Shallots. Sow Winter Oats, Rye, Barley, Wheat, Lawn and other Grass Seeds. Set out Fruit Trees, Strawberry plants, Asparagus roots. Plant Hyacinths, Tulips, Crocus and Narcissus bulbs.

**DECEMBER**—Get your hotbed ready and sow Cabbage, Lettuce, Beet and Cauliflower seed for Spring use.

Continue to plant Dutch bulbs. Set out Fruit Trees and Shade Trees. Spray fruit trees and grape vines this month.

## Garden Planting Information

VARIETY	When to Plant	Quantity for 100 Feet	Quantity for an Acre	Distance Between Rows	Distance Apart in the Row	Depth to plant
ASPARAGUS SEED.....	February, March	2 oz.	2 to 3 lbs.	18 to 24 ins.	6 to 12 ins.	1 in.
ASPARAGUS ROOTS.....	Feb., Mar.—Nov.	100 plants	10 to 12 m.	3 to 4 ft.	12 to 18 ins.	5 ins.
BEANS, BUSH SNAP.....	April, May—July, Aug.	1 pt.	60 lbs.	2 to 3 ft.	3 to 4 ins.	1 in.
BEANS, POLE.....	April, May—July, Aug.	1/2 to 3/4 lbs.	15 to 20 lbs.	3 to 4 ft.	1 1/2 to 2 ft.	1 in.
BEANS, BUSH LIMA.....	April, May—July, Aug.	1 to 1 1/2 lbs.	30 to 40 lbs.	2 to 3 ft.	6 to 12 ins.	1 in.
BEETS, GARDEN.....	March, Apr.—July, Aug.	2 ozs.	6 to 8 lbs.	2 to 2 1/2 ft.	3 to 4 ins.	1 in.
BROCCOLI.....	March, Apr.—July, Aug.	2 pkts.	1/4 to 1/2 lb.	2 1/2 to 3 ft.	15 to 18 ins.	1 1/2 in.
BRUSSELS SPROUTS.....	March, Apr.—July, Aug.	2 pkts.	1/4 to 1/2 lb.	2 1/2 to 3 ft.	15 to 18 ins.	1 1/2 in.
CABBAGE.....	February to October	2 pkts.	1/4 to 1/2 lb.	2 1/2 to 3 ft.	18 to 24 ins.	1 1/2 in.
CAULIFLOWER.....	Feb., Mar.—July, Aug.	2 pkts.	1/4 lb.	2 1/2 to 3 ft.	18 to 24 ins.	1 1/2 in.
CARROT.....	February to September	1 oz.	4 to 5 lbs.	2 to 3 ft.	3 to 4 ins.	1 1/2 in.
CELERY.....	February, March	2 pkts.	1/4 to 1/2 lb.	2 1/2 to 3 ft.	4 to 5 ins.	1 1/4 in.
COLLARDS.....	Spring to Fall	1 oz.	1/2 to 3/4 lb.	2 1/2 to 3 ft.	12 to 18 ins.	1 1/2 in.
CORN, GARDEN.....	March to August	1/2 lb.	10 to 12 lbs.	3 1/2 to 4 ft.	18 to 24 ins.	2 ins.
CUCUMBER.....	April to August	1 oz.	2 to 2 1/2 lbs.	4 to 5 ft.	4 to 5 ft.	1 in.
DANDELION.....	April to September	2 pkts.	1 lb.	3 to 3 1/2 ft.	12 to 18 ins.	1/4 in.
EGGPLANT.....	March to July	2 pkts.	1/2 lb.	3 to 3 1/2 ft.	2 to 3 ft.	1/4 in.
ENDIVE.....	March to August	2 pkts.	1 lb.	2 to 3 ft.	12 to 15 ins.	1 1/2 in.
KALE.....	Spring to Fall	1 oz.	2 to 3 lbs.	2 to 3 ft.	6 to 8 ins.	1/2 in.
KOHLRABI.....	March to September	1 oz.	1 lb.	2 to 3 ft.	5 to 6 ins.	1 1/2 in.
LETTUCE.....	February to September	1 oz.	2 lbs.	24 to 30 ins.	6 to 12 ins.	1/4 lb.
LEEK.....	March to September	1 oz.	2 lbs.	12 to 24 ins.	4 to 6 ins.	1 1/2 in.
MUSTARD.....	February to October	1 oz.	2 to 3 lbs.	2 to 3 ft.	3 to 4 ins.	1/2 in.
MUSKMELON.....	April to August	1 oz.	2 lbs.	4 to 6 ft.	4 to 6 ft.	3/4 to 1 in.
OKRA.....	April to July	1/4 lb.	8 to 10 lbs.	3 to 4 ft.	12 to 18 ins.	1 in.
ONION SEED.....	February to September	1 oz.	2 to 3 lbs.	24 to 30 ins.	3 to 4 ins.	1 1/2 in.
ONION SETS.....	February to October	1 qt.	8 to 10 bus.	24 to 30 ins.	3 to 4 ins.	1 in.
ONION PLANTS.....	March to June	300 plants	32 m.	24 to 30 ins.	3 to 4 ins.	
PARSLEY.....	February to September	1 oz.	5 to 6 lbs.	18 to 24 ins.	3 to 4 ins.	1/2 in.
PARSNIP.....	February to August	4 ozs.	5 to 6 lbs.	18 to 24 ins.	4 to 6 ins.	1 1/2 in.
PEPPER.....	March to July	2 pkts.	1/4 lb.	2 to 3 ft.	18 to 24 ins.	1 1/4 in.
PEAS, GARDEN.....	February to August	1 lb.	60 to 75 lbs.	2 1/2 to 3 ft.	3 to 4 ins.	1 in.
PUMPKIN.....	April to July	1 oz.	2 to 3 lbs.	8 to 10 ft.	8 to 10 ft.	1 in.
RADISH.....	February to October	2 ozs.	8 to 10 lbs.	18 to 24 ins.	1 to 2 ins.	1/2 in.
RUTABAGA.....	March to October	1 oz.	2 to 3 lbs.	18 to 24 ins.	4 to 6 ins.	1 1/2 in.
SALSIFY.....	March to July	2 ozs.	6 to 8 lbs.	18 to 24 ins.	3 to 4 ins.	1 1/2 in.
SPINACH.....	January to October	2 ozs.	8 to 10 lbs.	2 to 3 ft.	1 to 2 ins.	1 in.
SQUASH.....	April to August	1 oz.	2 to 3 lbs.	3 to 4 ft.	3 to 4 ft.	1 in.
TOMATO.....	February to July	1 pkt.	1/4 lb.	4 to 5 ft.	3 to 4 ft.	1/4 in.
TURNIP.....	February to October	1 oz.	2 to 3 lbs.	2 to 2 1/2 ft.	2 to 3 ins.	1 1/2 in.
TOMATO PLANTS.....	April to July	24-36	3 to 4 m.	3 to 5 ft.	3 to 4 ft.	
WATERMELON.....	April to July	1 oz.	2 to 3 bs.	8 to 10 ft.	8 to 10 ft.	1 in.

# Russell-Heckle's Top Notch Alfalfa

The most vital need of those who depend for their living on the products of the soil is pure seed, not mixed with noxious weed seed, and of high germinating quality. Our Top Notch brand was originated to designate seed stocks filling just that need, and their dependability is responsible for their popularity.



A Field of R.-H. Co.'s Dakota 12 Alfalfa

## ALFALFA

Alfalfa deserves to rank first among the legumes. It furnishes more green forage, more pasture and more dry hay per acre than any known variety of hay or grass. Pound for pound of dry feeding matter, it is worth more than any other forage—and is relished by stock, cows, sheep and hogs.

As a soil builder, there is nothing better—extremely deep rooted, it withstands drought better than most other legumes. In the South, Alfalfa usually lasts four or five years without reseeded, sometimes longer, depending on presence of weeds, weather conditions, etc. Do not pasture so closely as to injure the crown or new shoots.

### Getting a Start

Alfalfa requires a sweet soil—if your soil is acid, apply sometime ahead of seeding, the fall previous to seeding if possible, at least 3 tons ground limestone per acre broadcast and harrow this in. It will not grow on acid soil. Sow on good loam or clay or medium sandy soils, provided they are well drained to a depth of at least four feet. Avoid soil with a "hard-Pan" close to surface, for it prevents drainage. Avoid low spots where water stagnates or freezes—Alfalfa cannot stand "wet Feet." Sow on a bed free of weeds—if possible, sow on land which has been in some cultivated crop. Plow previous fall if possible, or at least several weeks in advance of seeding. Then disc and harrow frequently to set the seed bed—a firm seed bed is desirable as it conserves moisture.

Sow 20 to 25 pounds per acre (some use 30 or 35 lbs.) cover about 1 inch. Some roll the seed in, using corrugated roller or cultipacker. Plant in March and April, September or October.

**INOCULATE THE SEED BY ALL MEANS.** If not inoculated, young plants have to depend on whatever nitrogen is available in the soil, usually not a fifth of the large quantity they require. When inoculated, the bacteria soon supply all the nitrogen the plants require and assure a vigorous growth. Lack of inoculation has caused many Alfalfa failures. Use either Nitragin, or Dickinson's Humus, described and quoted on page 19 of this catalog.

### Price List of Inoculations

#### Dickinson's Humus Inoculation

For Alfalfa, Alsike, Red,	1/2 bu. size.....	\$0.30
Sweet, white Dutch Clovers,	1 bu. size.....	.50
and Lespedeza.	2 1/2 bu. size.....	1.00
	5 bu. size.....	1.75

Directions come on cans for using

#### NITRAGIN CULTURE

For Alfalfa, Red, Alsike, and Other Clovers	For LESPEDEZA
1/2 bu. size, each.....	1 bu. size, each.....
1 bu. size, each.....	2 bu. size, each.....
2 1/2 bu. size, each.....	5 bu. size, each.....

For current and quantity prices on Alfalfa Seeds, see Green Ink List enclosed.

### R.-H. Co's Top Notch Western Alfalfa

The United States Department of Agriculture says that a good grade of Kansas Common type of Alfalfa is standard for the South. Where this type of seed is produced, in Kansas and Northern Oklahoma, they have severely cold weather in winters and extremely hot weather in summer, with dry periods and wet spells. Much more unfavorable conditions than our territory has to bear. Repeated tests at our Experiment Stations and actual field results show the accuracy of the department's statement. We have sold hundreds of thousands of pounds all over the South where it has given splendid results.

Our seed this spring are the cream of the crop in Kansas and Northern Oklahoma, bought by our own representatives who spent almost two months in the growing fields last fall when crops were harvested.

### R.-H. Co's Top Notch Hardy Northwestern Alfalfa

The Northwestern states, like Idaho, Nebraska, produce a very hardy type of Alfalfa, due, naturally, to the severely cold winters that Alfalfa must weather there each year. Our Top Notch Northwestern Seed represents our choice of the stocks produced there, based on purity and growth. Such seed costs more than seed produced farther south, but the man who buys Top Notch Northwestern Alfalfa will get full value for every dollar spent.

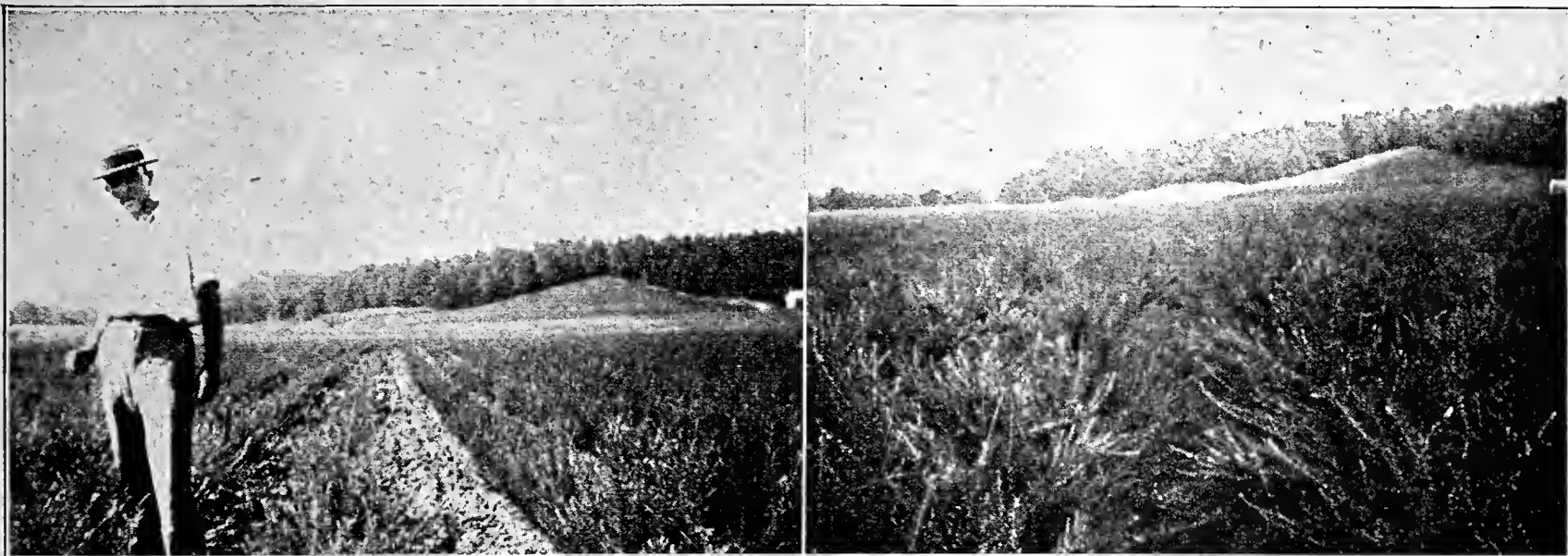
### DAKOTA—12 ALFALFA

Originated in the Dakotas to meet the terribly severe weather conditions prevalent there, where the temperature goes down to 15 or 20 degrees below zero in Winter, with extremely hot Summers in the mountain valleys. This seed has built up a strong resistance to Winter killing, an ability to produce a strong vigorous, very productive crop of Alfalfa under the most unfavorable conditions. This explains the popularity everywhere for Russell-Heckle's Dakota 12 Alfalfa, sold under our Top Notch brand.

### WHY INOCULATE

Inoculation of your seed before planting will give you a much stronger and quicker growth, producing a greater tonnage of hay. The cost of inoculation per acre is so small that the increased yield will repay it many times.

The big benefit comes in the value added to your land. The roots of the Alfalfa are the home of the inoculated bacteria, that draw the fertility-building nitrogen from the air and store it in swellings on the roots called nodules. These nodules not only feed nitrogen to the plant, but rot away in the ground to supply valuable nitrogen to all future crops of all kinds.



Same field of *Lespedeza Sericea* at two stages of growth

## Lespedeza Sericea, the New Perennial Lespedeza

An entirely new type—once planted, it comes back each spring from the crowns like Alfalfa, and is often called "The Poor Land Alfalfa." All other lespedeza varieties must be re-seeded or allowed to drop their seed each year.

Sericea has an enormous root system, penetrating often four feet into the soil, with a perfect mat of smaller roots spreading everywhere—You can see what this means as a positive cure for soil erosion. Further it seems to be the answer to a farmer's prayer for a pasture that is drought proof. Sericea pastures in Korea in use for fifty years are better today than ever. The enormous root system is loaded with nodules of nitrogen, adding immensely to soil fertility provided you inoculate when seeding.

Sericea will grow apparently anywhere in the South on almost any type of soil (except Miss. Delta buckshot) without liming or any kind of treatment. Two cuttings of hay and a seed crop may be obtained each year, as high as four

tons of dry hay in one season, the equal of Alfalfa in feeding value. Sericea is extremely leafy.

Plant only hulled and scarified seed in April or May, after danger of frost is past. This treatment of the seed brings quick germination. If you plant unhulled seed in the spring you won't get 10 per cent germination, so avoid this. For seed crop, plant 2 pounds scarified seed per acre in 2½ ft. rows. The yield is from 300 to 900 lbs. of seed per acre. For hay, sow 10 pounds of scarified seed per acre. Have your seed bed free of weeds, thoroughly plowed, disked and harrowed, cover seed very lightly—you can use a light roller to advantage, firming the soil to conserve moisture.

The first year you will see lots of grass and weeds, but don't give up—the second year Sericea looks much better, and the third year, and thereafter, you have a crop you will be eternally proud of.

### LESPEDEZA—Japan Clover

Three species of lespedeza—two annuals and one perennial—should be considered before deciding which to plant. The annuals are (1) Common, with two improved varieties, Tennessee 76 and Kobe, and (2) Korean. The perennial is *Lespedeza Sericea*.

The annual Lespedezas are grown all over the South, on every sort of soil without use of lime on poor worn out soils, and where Red Clover and Alfalfa won't grow without lime. Sow for pasture, for hay, for soil improvement or for seed production.

**SEEDING**—Sow in February, March and April either alone or on top of winter grain. If alone, have soil thoroughly pulverized before sowing the seed. Rolling the seed in will firm the soil and conserve moisture. The secret of success is to get a full stand early. Sowing 25 or 30 pounds of seed you can expect a good hay crop that fall under normal conditions; or good grazing may be had beginning soon after grain harvest and continuing until frost. Red Top or Herd's grass and Orchard grass are fine in combination with *Lespedeza* for grazing, the grasses coming out much earlier. Inoculate all lespedezas—Use Humus or Nitragin.

### Kobe Lespedeza

Kobe has certainly earned a home for itself on Southern Farms, particularly where long periods of drought occurred, for Kobe came through these droughts where Common *Lespedeza* was burned out. This drought resistance is a life-saver to a farmer, and is no doubt due to the very extensive root system and its rank growth, with larger than ordinary leaves. We have seen Kobe 38 inches tall but usually it is 2 to 2½ feet tall. We have seen yield of 4 tons per acre with Kobe. It is excellent for hay and pasture alike. Can be sown with oats, also with Orchard Grass and Red Top or Herd's Grass.

### Korean Lespedeza

Korean is the earliest of the annual Lespedezas, coming up first and growing rapidly, therefore giving earliest grazing of any lespedeza. Grows taller than Common, larger plant and coarser, with broader leaflets. Korean matures earlier than other lespedezas, seed beginning to ripen in September. The only variety suitable for Northern half of the United States. Korean is fine in combination with grain for it will drop seed before time to break the ground to sow grain in the fall. Korean is fine in pasture combinations, and an abundant hay yielder.

### Tennessee No. 76 Lespedeza

This variety is similar to the common or wild variety, except that it is taller and more upright in growth, holding

all the branches off the ground, even when the plants stand alone. It is finer stemmed than Korean or Kobe, and grows to the height of nearly three feet under favorable conditions. It blooms slightly later than Kobe and considerably later than Korean or Common. The hay yields made on the West Tennessee Experiment Farms are larger than those of the other varieties.



### Common Lespedeza

The original variety, grown all over the South, for hay, grazing and soil building. Not so tall as Kobe and Korean but is a good crop and will always be in demand.

### Hop Clover, or Yellow Hop

(Annual)

This clover will be found growing wild over a good portion of the South, and is very valuable in all pastures. Hop comes out very early in the spring and lasts until mid-summer, when Bermuda Grass and *Lespedeza* take up the job of furnishing pasturage. Grows about 6 to 8 inches high, is very similar to lespedeza but a little more upright and has a yellow blossom instead of lespedeza's purple bloom. It is the earliest and fastest growing clover adapted to the South. Clays and loams that are not constantly wet satisfy it best. Sow 1 to 3 pounds per acre in your pasture mixture.

### Black Medic

Grows all during the winter and is just the thing to build up run-down soil and will improve the yield of crops that are planted on the land the following spring. Sow in March, 18 to 20 lbs. per acre.

### White Dutch Clover

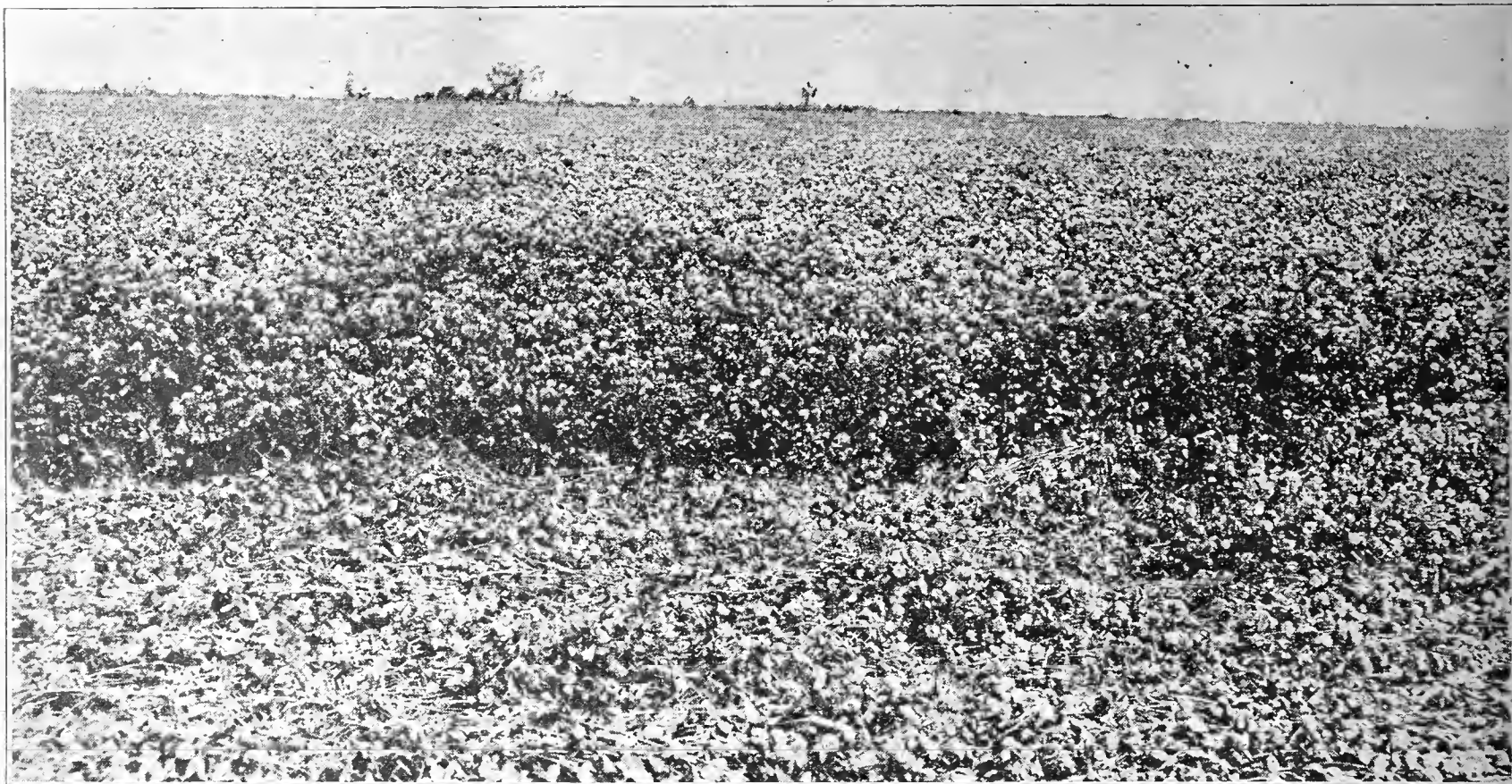
(Perennial)

Creeping in type, not adapted for hay but excellent in lawns and should be in all pastures. Much relished by stock, and high in protein. Does not cause bloating, comes out very early in spring without interfering with other grasses, thrives under trampling. Sow 1 or 2 lbs. per acre in your pasture mixture.

### Inoculate

Seeds of all legumes—clover, alfalfa, vetch, all peas, beans and related crops—will yield far better if inoculated with Nitragin or Dickinson's Humus, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Farmers and gardeners who have used it would not be without it.

Quantity and current prices on all *Lespedeza* seed are given on our Green Ink List.



Red Clover Makes a Good Hay Crop

## Red Clover

(Biennial)

As a soil builder, Red Clover is equal to any; in feeding value, it ranks next to Alfalfa. Should be on every Southern farm that will grow it. Requires a sweet soil, well drained—medium fertile to rich. Plant alone for hay or with Timothy. Fine in pastures, and a splendid soil builder. Sow in March, April, September, October. Be sure to inoculate with Humus or Nitragin, if you want best results. Prepare seed bed well thoroughly, discing and harrowing, sow seed and roll in with roller or cultipacker; have ground free of weeds.

## Alsike Clover

(Biennial)

Somewhat smaller seed than Red Clover, 6 to 8 pounds per acre enough, about equal to Red Clover hay in feed value, hay a little finer and preferred by stock. Rarely winter kills. Will thrive on poorer soil, and does fine on damp moist soils. Does not require lime, or at least very little. Grown and handled throughout same as Red Clover.

## White Blossom Sweet Clover

(Biennial)

Good for forage pasture and soil improvement—will grow on almost any Southern soil (even very sandy soils) that contains lime, thriving on land too poor to grow Red Clover or Alfalfa. Resembles Alfalfa when young but grows much larger, almost same rank in feeding value; both as hay and green forage. Stock seldom relish it at first, but when forced to eat it, soon develop a decided preference for it. Cut it before it reaches the blossom stage—too woody after that. Has a deep-spreading, heavy root system making it a big Nitrogen gatherer and soil improver, provided it is inoculated. Use Humus or Nitragin. Pasture from time plants are 6 inches high—the more stock you turn on it the better, for close grazing encourages its growth, and when tall becomes coarse and unpalatable. Being a biennial, will disappear unless allowed to make seed second fall.

## Yellow Blossom Sweet Clover

The Yellow Blossom type is very similar to that of the White Blossom. For those who wish to use Sweet Clover for pasture, hay and bee purposes, we would advise the use of the Yellow Blossom type.

## Mammoth or Sapling Clover

Very much like the common Red Clover but larger, heavier and later. Recommended for thin soils. Sow 10 to 12 pounds to the acre.

## Crimson Clover

(Annual)

Sow 12 to 15 pounds in August and September in South, cut for hay in early bloom stage next spring, which is best time to turn under for soiling crop. Also furnishes large amount of Nitrogen in soil if properly inoculated. Use Humus or Nitragin.

## Burr Clover

Sown in July, August and September. Makes superior pasturage, fair hay, and grows on any thin land, and if turned under the following spring, acts as a splendid fertilizer. Sow 20 pounds of burrs to the acre.

## New Early Giant Burr Clover

Exceeds all other varieties as it attains a height of 4 to 5 feet while Common Burr grows only 1 to 1½ feet and besides it is 3 to 4 weeks earlier in growth, blooming and maturing of seed. It succeeds on any loamy sandy soil. As a cover crop for turning under, you can't beat this new Giant type of Southern Burr Clover. Sow in August and September 3 to 5 bushels to an acre. Prices on new crop seed given in July and August.

### Clover Seed Prices

All prices on Clover seeds are given on our Green Ink List. Write for a copy.

## Russell-Heckle's Pasture and Grass Mixtures

These are composed principally of grasses which ripen together for cutting; but they also contain other grasses which will also add very much to the pasturage yield, in case it is desired to use the fields for pasturage. These grass mixtures afford splendid crops of hay of the finest quality and highest feeding value, and after being cut will give continuous and abundant pasturage till winter comes. May be used for hay exclusively, or for hay and pasturage as needed.

**PERMANENT GRASS MIXTURE No. 1.** For hay or pasture. Recommended for light, loamy or medium upland, for either hay crop or grazing purposes. Composed of Orchard Grass, Perennial Rye Grass, Meadow Fescue Grass, Red Clover, Alfalfa, etc. Sow 30 to 35 pounds to the acre.

**PERMANENT GRASS MIXTURE No. 2.** Intended for good moist soils, also for grazing as well as hay. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is drier. If stock does not keep down to six or ten inches use the mower to do so.

**PERMANENT HOG MIXTURE.** Especially prepared for pasturing hogs. Composed of Red Clover, Red Top Grass, Orchard Grass, Alsike Clover, Rape, etc. Sow in February, March and April, also fall, at rate of 20 lbs. per acre.

**TIMOTHY AND ALSIKE MIXED.** Suitable mixture for wet lands, furnishing good pasture and hay. Sow in early spring and fall, 15 pounds of the mixed seed per acre.

**CHICKEN PASTURE MIXTURE.** A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September, 30 pounds to the acre.

# Russell-Heckle's Grass Seed

In planting grass seeds the land should first be thoroughly cultivated and pulverized. The seed may then be scattered by hand or with a hand-seeder, such as described in this catalogue. A harrow or rake should then be used, which will mix the seeds with the soil so they will be covered about one-quarter inch deep. If not convenient to sprinkle, the planting should be done when there is a good season in the ground, and land rolled or dragged after harrowing. This will pack the soil so the moisture will be saved from evaporation and thus cause the seed to germinate, and to nurture the grass until it establishes a good root system.

## Sudan Grass

Sudan is an annual and must be planted over each spring, after the ground has become thoroughly warm. Very quick growing, Sudan can be cut 3 or 4 times each season, depending on moisture present. Ready to cut about 8 to 9 weeks after sowing, when first heads appear, or a little later won't hurt. Let it stand in cocks until thoroughly dry; the stems are very juicy and take longer than leaves to cure. Can be sown with Soy beans or Cowpeas and the mixture makes a well balanced ration. If planted on rich land, will yield splendidly. Sudan hay alone is relished by stock, and is as nutritious as Timothy. Should be planted on fairly rich loamy soil.

As a summer pasture, Sudan has few equals, continuing until frost. It is well to run mower-over Sudan before turning stock in it—this will start it to stooling and prevent the whole young plant from being pulled up. Sudan is a splendid milk producer, supporting 1 to 3 cows per acre all summer depending on conditions. Can be cut and fed green also. Plant 10 to 15 pounds in drills, 25 to 30 pounds per acre broadcast.

## Red-Top or Herd's Grass

This grass makes excellent pasturage and a good crop of fine quality hay, and succeeds on a greater variety of soils than any other in general use. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for Timothy and Kentucky Blue Grass, and once established thickens and improves year after year. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. On good soil it grows about two feet high; on poor, gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. It requires about 8 to 10 pounds to seed an acre of the Fancy Clean seed. It can be sown either in the spring or fall.

## Orchard Grass

A long-lived perennial, comparatively deep-rooted, therefore, drought resistant. Splendid in pastures, furnishing about the first green bite in the spring and the last in the fall. Grows well in the shade of orchards and open wood lots. Prefers a well-drained rather light, neutral or sweet soil. Equal in productivity to Timothy, and outlives it—about same feeding value. Cut in full bloom for hay. Sow spring or fall in the South, 21 to 28 pounds per acre on thoroughly prepared pulverized soil, then roll in, making firm seed bed.

## Carpet Grass

**Easily Eradicated by Plowing**

Grows practically anywhere over the South where temperature does not go below ten degrees above, thrives vigorously on any kind of soil if moisture conditions are favorable; even on acid soils and poor sandy soils. Equal in feeding value to Bermuda. May be grazed both earlier in spring and later in fall than Bermuda; stands close grazing and heavy trampling. In fact spreads more rapidly with close grazing. Sow 10 to 15 pounds per acre for pasture. Add 5 lbs. Lespedeza per acre to all Carpet Grass pastures. On golf courses, parks, lawns, sow 20 to 30 pounds per acre. Making a thick leafy sod that improves with close cutting. Sow spring and summer.

## Dallis Grass

Is a perennial, will grow 3 to 5 feet high if not cut. Has a long growing season all over South. Can be cut twice a season, making excellent green feed and hay. Stands close grazing and is not injured by light frost. Hardy, thrives on most soils that are not too dry and sandy, but prefers fairly heavy soils with moist condition. Sow from middle of March to June, 6 to 8 pounds per acre.



Sudan Grass

## Bermuda Grass

Bermuda delights in sunshine and warmth. It is extensively used in this section for levee work and pasture. The seed should be planted in April, May or June. Seed requires 20 to 30 days to germinate. The ground should be well prepared with a good firm seed bed, and seed broadcast at the rate of ten pounds per acre. Do not cover more than half an inch. The seeding should not be done too early, as the seed will not germinate if sown before the weather and ground become warm.

## Hulled Bermuda Grass

Is the same Bermuda Grass seed with the outer hull removed. This promotes quicker germination, requiring 8 to 10 days only, as against 20 to 30 days for unhulled seed. Further, only about one-half the amount of seed is required when using hulled seed.

## Timothy

A short-lived perennial, usually lasts 3 to 5 years, as the root system is rather shallow, it thrives best on rich, moist bottom lands, and on heavier types of soil—poorly on thin or sandy soils. Prefers sweet soil but does not form a sod. Won't stand close pasturing but is very palatable and will not injure stock no matter how much is eaten. For hay, cut after the purplish blue blooms have fallen, when the seed have formed and are in "milk" stage. Set the mower blade full 4 inches above the ground. Yields 1½ to 3 tons of hay.

Sow spring or fall, 15 pounds alone or 10 pounds Timothy and 5 pounds Alsike or 6 pounds Red Clover. A well worked seed bed rolled before and after seeding is desirable, increasing supply of moisture.

## Poa Bulbosa—Winter Blue Grass

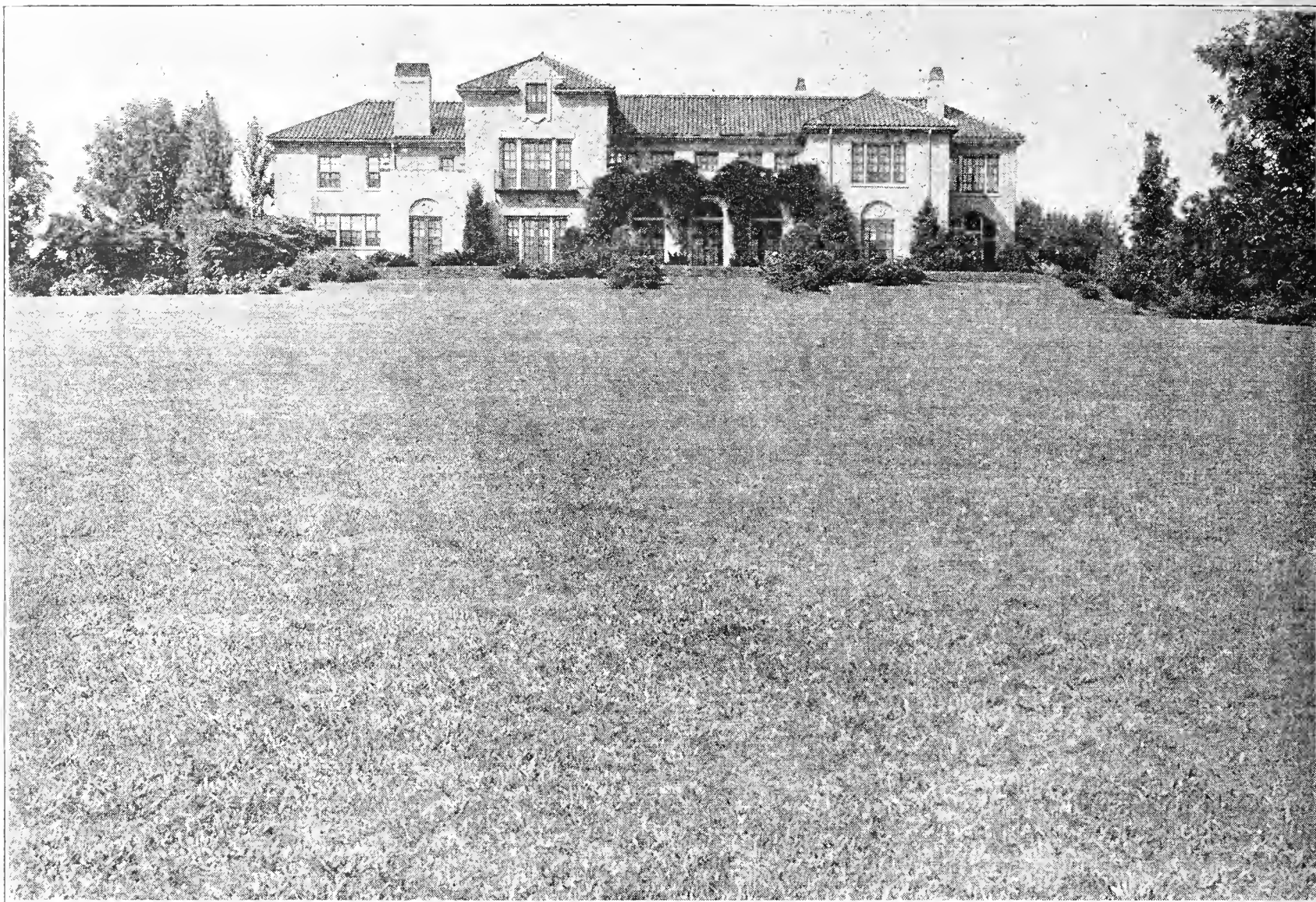
This was written up in a lengthy article in November, 1935, Country Gentleman. Comes up in the fall, stays green all winter, grows faster in February-March and matures in May, making a big bulbil or seed crop. Stays dormant all summer, coming out again in the fall. Has given very attractive results in Oregon, and while little has been tried out in the South, the Bureau of Plant Industry says it should be splendid in combination with Bermuda Grass or lespedeza in the South, making an almost year round pasture.

Thin stands can be obtained with 30 pounds per acre, and once started the plants will spread and thicken. Stands lack of moisture well.

Current and Quantity prices on all grass seeds are quoted on Green Ink List enclosed.



Timothy Field Scene



A Well Kept Lawn That Has Been Seeded with Our Evergreen Lawn Seed.

## Russell-Heckle's Lawn Grass Seed

Spade or plow ground to the depth of 8 inches. Afterwards harrow or rake carefully, pulverize all lumps and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of 5 inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over

the surface at the rate of 60 or 75 pounds per acre. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is 3 inches high it should be cut and rolled, and repeat until the grass has become firm. For small areas use one pound lawn seed to 20x20 or 400 square feet.

### Evergreen Lawn Grass

Our Evergreen Lawn Grass is a mixture of grasses that are adapted to lawn making, and contains none of the coarse grasses nor those that grow in tufts or clumps. No one grass makes an ideal lawn grass, so we have put into our Evergreen a well-balanced mixture of grasses that are at their best during different months of the year, will give a beautiful green growth at all seasons, and will make a rich, deep green, velvety lawn in as short a time as possible.

### Shady Spot Lawn Grass

Only a few grasses will grow satisfactorily in the shade. Among the grasses best adapted to this purpose are Poa Trivialis and Red Fescue. These grasses should be the base of all mixtures for shady lawns and woods. Shady Spot Lawn Grass contains a large proportion of these two grasses besides other adapted turf-making grasses that will blend and make a thick velvety sod.

### Kentucky Blue Grass

Adapted for shady locations, and requires rich soil. It will do well where lime is used in the ground. Fine for lawns, also for pasture, where soil is suitable. Sow in February, March and April, also in the fall. One pound sows 20 by 20 feet, or 400 square feet; 80 to 100 pounds to the acre.

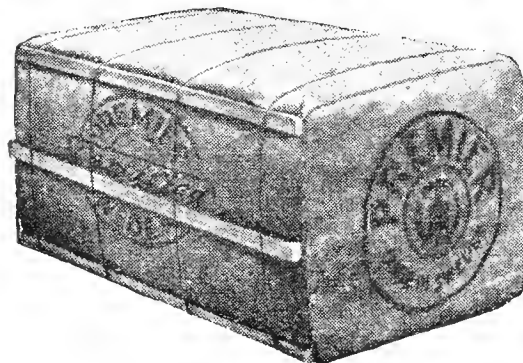
### Winter Rye Grass

For winter lawns. This grass is becoming more popular each year. When sown in the fall, which is the proper season, Winter Rye Grass remains green all through the winter. Sown on top of Bermuda in October or November. For lawns use 1 lb. to 10 by 20 feet.

### Cyclone Broadcast Seed Sower

Will sow Timothy, Clover, Oats, Rye, Wheat, Millet, Lawn Grass Seeds, Peas, Sorghums, etc. Distributes evenly, works perfectly; has an agitating feed plate which insures a uniform flow of seed. Price, each, \$2.25; postpaid, \$2.45.

### Granulated Peat Moss



A moisture-retaining humus. Quickly decays so that it is available for plant food.

**For Lawns** — To maintain the supply of humus in the soil, to keep the grass roots cool, to conserve moisture and to help keep out weeds, it is desirable to mulch the lawn in late fall and early spring with a one-half inch layer of

Swedish Peat Moss. Sprinkle it evenly, rake lightly with a bamboo rake, and water well. This will prevent the necessity of many waterings and will save both money and trouble. In watering, it is better to soak well once or twice a week than to sprinkle daily. An occasional good watering and plenty of Swedish Peat Moss incorporated in the soil, will attract the grass roots downward where they will be protected against severe hot spells.

Peat Moss is excellent for potting bulbs, also for clayey soils, gravelly soils, for mulching roses, perennial flower beds, evergreens, etc. Price, per bushel bag, 50c; 1/2 bale, \$2.00; full bale, about 20 bushels, \$3.00, F. O. B. Memphis.

For prices on all Grass seeds on this page see our Green Ink List enclosed.

# R.-H. Co.'s Seed Oats

**Culture**—Sow as early as possible, in February and through March, in good soil two to two and one-half bushels to the acre. If the soil is poor, use 200 to 300 pounds 16% Phosphate to the acre. Cut them for hay when the oats are in the milk stage or about half mature.

## Appler Oats

This is another development from an improvement over the old original Red Rust-Proof Oats. Its productiveness, probably more than any of its other good qualities, has contributed to its wide popularity. They stool out splendidly, have large, full heads, fine, plump grains and strong straw that stands about three feet high. It has plump grains and exceptional heavy weight; the weight per measured bushel averaged 35 pounds, often reaching 37 pounds, and almost never falling below 32 pounds.

## Early Burt or Ninety-Day Oats

Probably the earliest maturing of all Oats, hence Burts can be planted after it is too late to sow any other variety. Can be planted in March and mature in time to escape injury from heat. Early plantings can be cut in time to put the same land in corn, cowpeas, soy beans, peanuts, cane millet or other summer crops. For quick feed in the spring and for grazing, the Early Burt is the best of all. It is not a heavy yielder of grain, but fine for cutting in the dough stage.

## Kanota Oats

Bred at Kansas Experiment Station; named for three states, Kansas, Oklahoma, Texas. Bred from an improved strain of Fulghum, and often called Kanota-Fulghum. A splendid variety, early in maturity, always a big advantage; an exceptionally heavy yielder of both grain and straw, with uniform plump, heavy berry. Quite resistant to cold and for that reason much sought after for fall planting.

## Fulghum

A rust proof variety developed from the original Red Rust-Proof Oat. It is one of the most satisfactory and popular oats known. Its productiveness and early maturity, probably more than any of its other good qualities, have contributed to its wide popularity. They stool out splendidly, have large full heads, fine plump grains, and strong straw that stands about 3 feet high.

## Red Rust-Proof Oats

For years the standard in the South. Thousands of acres are planted to Red Rust-Proof Oats each year. Oats in the South have long been subject to rust and that's why the Northern White Oats are not successful down South. The Red Rust-Proof Oat is a very vigorous grower, robust and productive, does well on low ground.

## Tennessee Winter Turf Oats

Tennessee has long been famous for its Winter Turf Oats, which have probably the greatest propensity for stooling of all the present-day oats. Further, they are the hardiest oats we have and will come through the winter when other varieties have all been killed out. Due to their strong turving and stooling characteristics they excell all other oats for grazing purposes after fall planting.

See Green Ink List enclosed for present prices on Seed Oats and Millet.

# R.-H. CO.'s MILLET

**MILLET.** Nothing pays better for a stock raiser or dairy farmer than a few acres of Millet, for it not only yields at least half again as much hay per acre as Timothy or Clover but is also of the greatest feeding value and milk producing quality. When spring is so unfavorable that other crops fail to grow, or when the season is so late that corn will not mature, Millet is invaluable.

## Tennessee German Millet

Our Southern grown Millet makes much better growth than the Western grown seed. This true Tennessee grown, a type that produces better quality, grows taller and gives a larger yield of very nutritious hay, is a quick grower. It should be cut for hay when it begins to show the heads. Plant 1½ to 2 bushels an acre broadcast. Plant from April to August.

## Japanese or Barnyard Millet

Distinct from other millets; grows 4 to 6 feet high, yielding an enormous crop that in quality is equal to corn fodder and is relished by stock. Sow in May, June or July, 20 pounds to the acre broadcast; or sow in 15-inch drills and cultivate until it is 18 inches high.

## Pearl or Cattail Millet

One of the greatest and best yielders of green forage and continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed; three to four cuttings may be had. Sow thinly in rows 3 feet apart at rate of 8 to 10 pounds per acre.

## Egyptian Wheat or Shallu

The heads are large and heavy. It makes hens lay better than any poultry food. Plant in drills 3 feet apart, using ten pounds of seed per acre; or broadcast, using from 2 to 4 bushels.

## Grohoma

This new forage and grain crop, after thorough trials the past season, was found very satisfactory. Stock of all kinds like it, in fact they eat every particle of the stalk, leaves and head. Plant from April 1st to July 1st in good soil. Make rows 4 feet apart drop seed 12 inches. Since it stools considerably, very little seed is required. Sow 2 pounds to the acre.

## Feterita

Three or four weeks earlier than Kaffir Corn. It is the most drought-resisting of any of the sorghum family. Sow in April or May, in drills, 5 pounds to the acre.

## Darso

Low growing, heavy foliated, with a large stalk, usually tinged red. On account of its drought-resisting qualities it has become a safe feed crop. Makes excellent silage, grain, and forage. Sow in 3½-foot rows, 10 lbs. to the acre.

## Teosinte

Mammoth forage plant. The yield is astonishing and can be cut several times through the summer and until frost. Looks somewhat like Indian Corn, but wider, and longer, and the nutritious leaves and stalk contain a sweet sap. Grows 12 feet high. Plant about 4 pounds of seed per acre in 3 foot rows, dropping seeds 4 to 6 inches apart.

## Mammoth Russian Sunflower

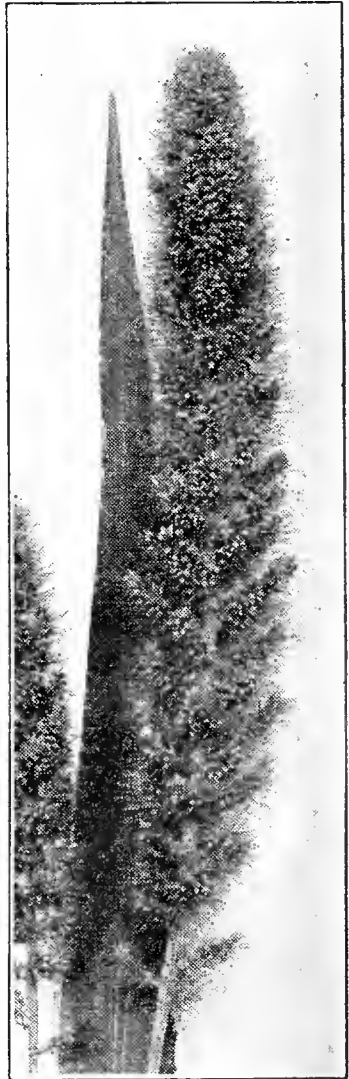
The seeds, when fed to poultry, make a real egg-producer, being rich in oil and protein; it is an ideal food during the moulting season. The whole plant makes fine ensilage and hog feed. Under favorable conditions, 40 to 60 bushels can be grown on an acre. Plant up to the middle of July at the rate of 8 lbs. per acre. Plant and cultivate like corn.

## Buckwheat

Sow three pecks to one bushel to the acre. It can be sown so late as to prove a profitable second crop to follow early peas, potatoes, etc. Good pasturage for bees. Quantity prices on all seeds described on this page are given on Green Ink List enclosed.

## PLANT CROTALARIA

The greatest soil builder ever produced.



Tennessee German Millet.



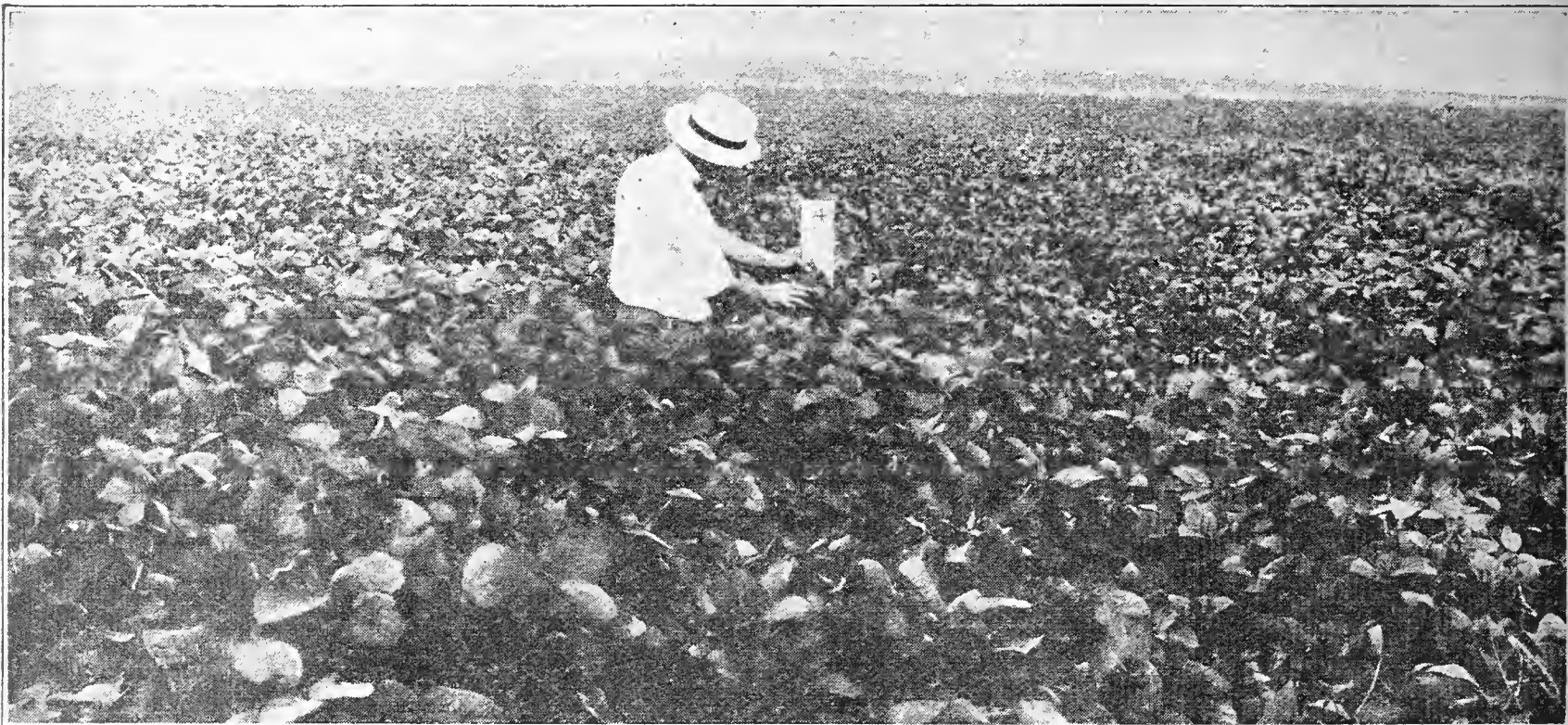
Mam. Russian Sunflower

# RUSSELL-HECKLE'S SOY BEANS

**They Make Poor Land Good—They Make Good Land Better**

They make a rich and nutritious hay and one of the cheapest. The beans always find ready sale at the oil mills and for planting. It is one of the South's most economical soil improvers. They require no fertilizers except acid phosphate.

Our location in the very heart of the original and best Soy Bean seed producing section enables us to supply the finest stock of seed offered anywhere at especially advantageous prices, quality considered. When you buy from us, you buy direct from Soy Bean headquarters. We grow and handle many thousand bushels of Soys every year.



Soy Beans are one of the South's best hay crops.

**CULTURE.** Soy beans may be planted either broadcast or in drills. Usually a better crop is had when planted in drills and cultivated, and few crops leave the land cleaner and in better condition for the following crop. They grow equally well on light and heavy soils, but on heavy soils they should not be planted more than 1 to 1½ inches deep except in dry seasons. On light sandy soils plant deeper, but not more than 3 inches deep. When sown broadcast sow 1 to 1½ bushels to the acre; in drills about a peck to the acre. Plant in April, May or June.

**INOCULATE.** Be sure to inoculate the seeds with soy bean bacteria, Dickinson's Humus Inoculation or Nitragin. Not only will you have assurance of a surer stand but a better crop and the succeeding crop will have the benefit of the nitrogen stored in the bean roots.

## Biloxi Soy Beans

An upright variety growing 4 to 5 feet high, covered with a dense mass of foliage that does not shed easily. A heavy yielder of beans; the oil and protein contents are high; a fine bean for hogging down, for planting with corn or sorghum and for oil. The beans do not shatter, will stay in the pods until February. Late in maturing, requiring a long season to mature, but makes an unusually luxuriant growth; sow seed broadcast at rate of two bushels to an acre. In drills, sow ½ bushel to the acre.

## Delsta

Very stout, erect, short and bushy, splendid for combination with corn. Plant thick for hay. Very prolific, beans little larger than Mammoth Yellow and shatter much less.

## George Washington Soy Beans

Very early maturing, ready to cut in August; makes more vine than Virginia, and a very desirable variety; sow seed in May, same quantity as recommended for Virginias.

## Laredo Soy Beans

One bushel will plant 6 to 8 acres in rows 3 to 3½ feet apart, depending upon how thick you want them. We know of one farmer who got a perfect stand using one bushel to 12 acres. They should not be covered deeper than 1½ inches; a half-inch is better. One or two cultivations to keep down the grass and weeds is advisable. The Delta Experiment Station reports splendid results from sowing Laredo March 25th to April 10th with a wheat drill on oats planted the previous fall. This drill helped instead of hurting the oats, and the beans were not large enough when the oats were harvested to interfere with the binder. Sow seed broadcast at rate of one bushel per acre; when sown in drills sow about 1 gallon or 2 gallons per acre.

## Mamloxi (Mammoth-Biloxi Hybrid)

Developed at Stoneville, Miss., Experiment Station. Is erect in growth, upright, very prolific yielder of beans, and very fine for combination with corn, and soil building. Good for hay if planted thick. Matures about with Mammoth Yellows but shatters very little. Seed yellow with some brown markings.

## Mammoth Brown

A fine big foliage variety, succeeds well in this section; won't shatter. The plant is upright, with heavy branches; a big yielder of beans and foliage. Does well on all soils. It is a medium early variety; matures its beans in about 110 days.

It should be planted in rows 3 to 5 feet apart and 8 to 10 inches in the row; sow 10 to 12 pounds to an acre. Mammoth Brown Soys grow 4 to 5 feet high and are covered with a dense mass of foliage that does not shed easily. When sown broadcast, use 1 to 1½ bushels of seed to the acre.

## Mammoth Yellow Soy Beans

Valuable for both beans and forage. Mammoth Yellow is one of the largest growers among Soy Beans, and the most widely grown variety and excels in yield of bean and hay; sow seed in May broadcast at the rate of two bushels to the acre; when planted in drills use ½ bushel seed to the acre.

## Mamredo Soy Beans

Produced from a hybrid of Mammoth Yellow and Laredo Soys at Delta Branch Ex. Sta. Shatters comparatively little, upright bushy plant, splendid for grazing and hay; its extra earliness is very valuable. Each of the characteristics is desirable; try some of these sure.

## Otootan Soy Beans

Few Soy Beans can equal Otootan as a hay maker. Its late maturity is more than overcome by the abundant growth—5 feet or more in long growing seasons—its fine stems and abundant foliage, and the fine texture of its hay. It differs from most varieties in having many leafy branches instead of a coarse central stem, making it easy to cut. Planted in 3-foot rows, they will cover the land with a mass of foliage. Plant one gallon per acre in corn.

## Tokio

Maybe a few days earlier than Mammoth Yellow but does not shatter quite so much. Bush type, erect growth; very prolific, and much grown in Tennessee and East Mississippi. Plant thick for hay. Seed greenish color, round.

## Virginia Soy Beans

As it is about 20 days earlier than Mammoth Yellow, it can be grown farther north and throughout the corn belt. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure. The stems being fine and the leafage profuse adapts it particularly well for hay making; sow broadcast one and one-half bushels to an acre; in drills ½ bushel to an acre.

Quantity and current prices on all soy beans are given on our Green Ink List.



## Cow Peas

**Culture:** May be sown any time from March to September, either broadcast or in drills. One to two bushels per acre for broadcasting; two to three pecks for drilling.

**SOWING COW-PEAS WITH SOY-BEANS, KAFFIR CORN, SORGHUM AND SUDAN GRASS.** Cow-peas may be sown with these crops to furnish support and make the harvesting easier. Sow half a bushel soy-beans or one peck kaffir corn or sorghum or ten pounds Sudan grass with one bushel cow-peas to the acre.

**SOWING COW-PEAS WITH MILLET.** New Era and Whippoorwill are the best kinds to sow with German millet—one bushel of peas to three-fourths of a bushel of millet per acre. The crop should be cut when the millet is ready. The peas will have reached the dough state by that time and make an excellent combination of large-yielding and most nutritious feed.

**WHIPPOORWILL.** A favorite early bunch-growing variety.

**NEW ERA.** An early, upright-growing variety. Matures early.

**BLACK STOCK.** Large vining variety. Best for thin land.

**CLAY.** Very similar to Black Stock, matures earlier.

**RED RIPPERS.** Vines grow long; make an abundance of hay.

**MIXED.** Preferred by many farmers; they will grow thicker than separate varieties, producing better crop of vines and forage.

**MIXED COW-PEAS AND SOY BEANS.** The beans, being of upright growth, support the long pea vines, and not only make the harvesting easier, but the combination of cow-peas and soy beans makes a better hay than either when grown alone, and they are easier to cure.

**LARGE WHITE BLACK EYE.** The dried peas are readily salable as table peas during the winter.

**WHITE, CREAM OR LADY.** Fine for table use. Very prolific.

**WHITE CROWDER.** An excellent variety for table use.

**BROWN CROWDER.** Clay colored, large size, of fine flavor.

## Mung Beans (Green Seeded)

Mung Beans grow in upright bush form, 2 to 4 feet high according to soil and climatic conditions. They have very heavy foliage, fine leaves and finer stems than any soy beans; a very important feature of Mung Beans is that the foliage is perfectly green and still growing when the seed is ripe and ready to be threshed. The hay cures quickly and may be threshed in 2 or 4 days after cutting, and it retains all the leaves. Threshed Mung Bean hay, properly cured, is equal to Alfalfa hay and is readily eaten by all kinds of live stock. This makes it possible to make from 5 to 20 bushels seed per acre for a money crop, besides obtaining at same time yield of 1 to 2 tons of very best quality hay high in protein. Matures in 70 to 90 days; harvest when majority of pods turns black. Best results with a mower and windrow attachment, or follow mower with side-delivery rake.

Mung Beans are a great soil builder, when properly inoculated. Use Humus or Nitragin. Sow 20 pounds seed per acre in 36 inch rows—cultivate until rows grow together too close to permit it.

## Velvet Beans

Makes an enormous growth for forage, also worth millions to the South as a soil builder.

**Makes Nutritious Fall and Winter Grazing.**—In the South, velvet beans are used very largely for winter grazing, and for that purpose is one of the best crops for the light soils and in the long season of the Gulf Coast and Florida. They should be allowed to grow until December, or until killed by frost, after which they can be grazed through the winter, as the vines, leaves and pods decay very slowly and remain palatable a long time. Early in the year, the crop remaining is plowed under as a soil improver, and adds very materially to the productiveness of the soil.

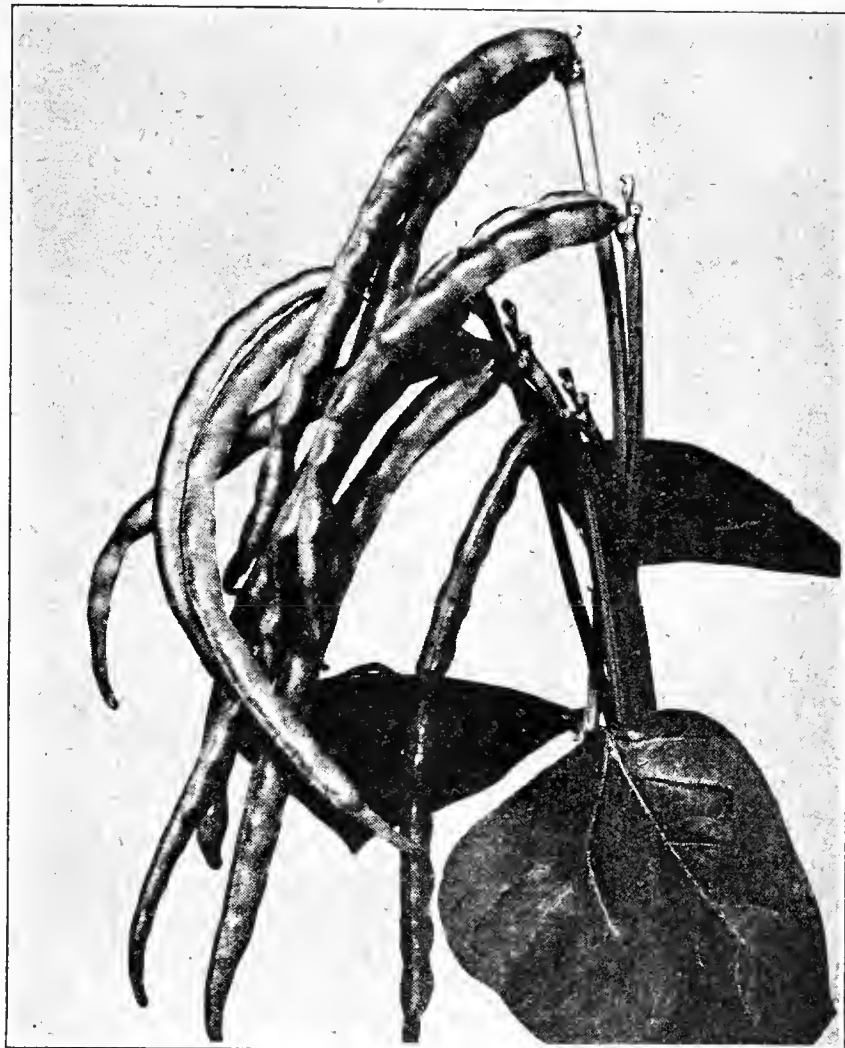
As a soil improver they are considered superior to cow-peas, as they make so much larger growth and so much heavier amount of foliage. The proportion of nitrogen contained in the vines is about the same as cow-peas, but as the yield is so much greater, the total amounts of nitrogen and humus added to the soil are correspondingly larger. A crop of three tons will add as much nitrogen to the soil as will a ton of cotton-seed meal, while the amount of humus will be three times as great.

**EARLY SPECKLED OR 100-DAY VELVET.** The most valuable of all varieties and the general favorite for all sections. This variety is the quickest grower and the most prolific. Matures in from 90 to 100 days. Sow in drills in May, one peck to the acre.

## Hand Corn Planters

Especially desirable for replanting corn, etc. Both styles, either the one-hand or two-hand planters are accurate, strong and durable. They can be set to plant two to six grains in a place as required; simple and easy to operate.

Price: One-hand planter \$1.75 each; two-hand planter \$1.25 each, f.o.b. Memphis.



Cow Peas are a favorite hay crop. They are also excellent for building up land.

## Canada Field Peas

Canada Field Peas are one of the best cover crops that can be grown; also excellent for hay. Resists the cold weather.

Sow in January, February and March, 60 to 90 pounds of seed to the acre with one bushel of oats.

## Jerusalem Artichoke

Fine for fattening hogs. They grow just like Irish potatoes. Every hog raiser should grow Artichokes; the hogs will harvest them without cost. Plant in 4-foot rows any time in March or April, dropping the cut pieces 18 inches apart in the row. They will produce 200 to 300 bushels to the acre. It requires 3 bushels to plant one acre.

## Chufas

An excellent hog-feeding crop, fine for light soils. Plant in rows, one peck to the acre, in April or May.

## Shell and Soup Beans

These are grown to use as dried beans during the winter. Plant in June and July using 15 to 20 pounds to the acre. Plant in 4-foot rows and cultivate well. All of the following varieties grow in a semi-bush form. One pound drills 150 to 200 feet of row. Be sure to inoculate this crop.

**NAVY BEANS.** The snowy whiteness and uniform size of a good true stock gives them preference over ordinary stock and puts the grower in a position to command a better price. Well selected stock also gives a better yield than the common run of Navy Beans. Do not make the mistake of planting too early for if planted too early the beans after harvesting will probably be buggy. The last of June or in July plant in rows 3 feet apart, dropping two or three beans a foot apart in the rows. Cultivate early, but not while the dew is on the foliage, nor after they begin to blossom, and do not cultivate deeply after they are three or four inches high. 15 lbs. will plant an acre.

**GREAT NORTHERN BEANS.** Beans slightly larger than the Navy Beans; snow white and of splendid cooking quality.

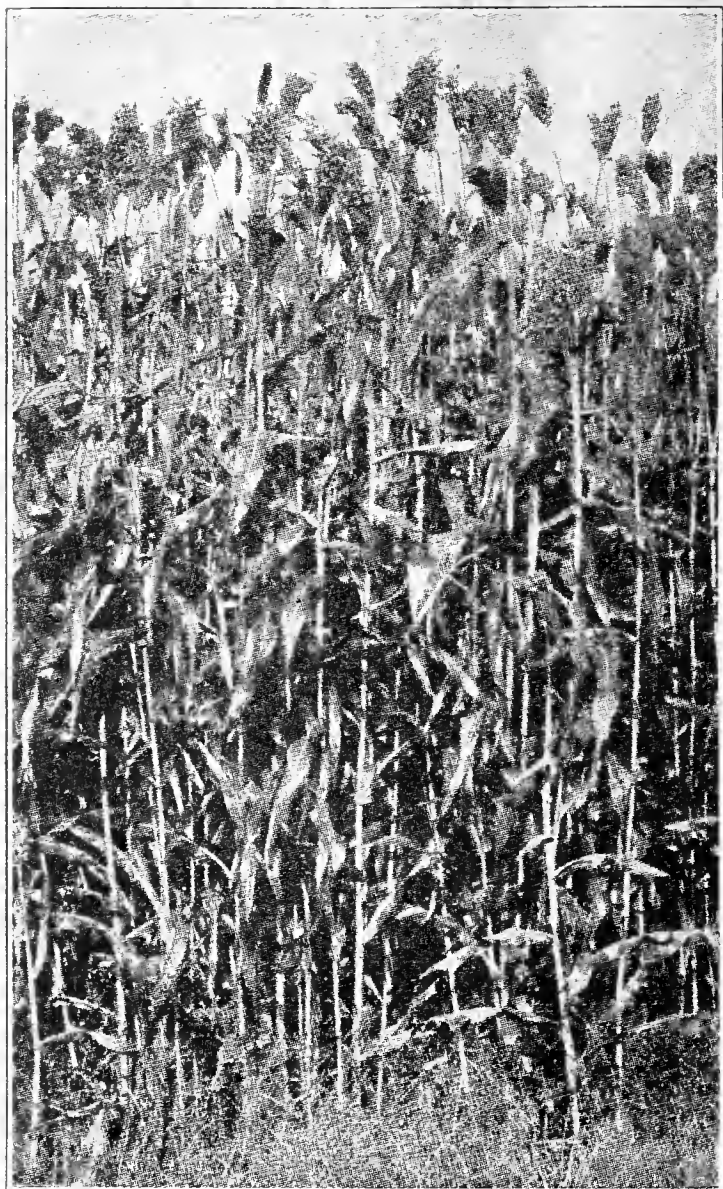
**RED KIDNEY BEANS.** The good old-fashioned cooking bean. Large size and of good flavor.

**PINTO BEANS.** Fine cooking bean, bears heavily.

**WHITE KIDNEY BEANS.** Standard variety of excellent quality and flavor.

Price any of above 5 varieties of Shell or Soup Beans uniform as follows: Postpaid, 1 lb., 25c; 2 lbs., 35c. Not prepaid, 1 lb., 15c; 2 lbs., 25c.

QUANTITY AND CURRENT PRICES ON ALL COW PEAS ARE GIVEN ON OUR GREEN INK LIST.



Sagrain Is Excellent for Silage and Grain.

### Cane for Fodder

**EARLY AMBER CANE.** One of the earliest sorghums and furnishes a large yield of most nutritious forage which may be fed either green or cured. If grown with cowpeas or soy beans the quality of the hay is improved and a more balanced ration may be had. The proportions recommended are 15 lbs. Early Amber Cane,  $\frac{1}{2}$  bushel of soy beans and 1 bushel cowpeas to the acre broadcast. Grows 10 to 12 feet high. Sow broadcast 1 to  $1\frac{1}{2}$  bushels to the acre; 8 to 10 lbs. plants an acre in  $3\frac{1}{2}$  to 4-foot rows.

**EARLY ORANGE CANE.** About ten days later than Early Amber Cane, but makes a taller and more leafy growth. It is recommended for fodder, of which it yields immense crops, frequently two cuttings a season, and stooling out thicker after cutting. It may be grown with soy beans and cowpeas as recommended for Early Amber Cane and the quantity to plant an acre is the same.

**RED TOP or SUMAC.** Grown extensively in Middle Tennessee. Succeeds well in this section. Very sweet and one of the best for hay.

### Yellow Milo Maize

A wonderfully drought-resistant, non-saccharine sorghum that makes a thick succulent growth of nutritious milk-producing forage. For fodder and ensilage, cut when in the dough stage; at this stage it has a feeding value practically equal to corn. Any good corn land will bring Milo Maize either for green feed, dry fodder or for the grain. It grows on all soils from sandy to heavy clay loam. Plant in  $3\frac{1}{2}$ -foot rows after the ground is thoroughly warm, and give it the same cultivation you would corn. Six to eight pounds will plant an acre.

### White Kaffir Corn

Kaffir Corn yields heavy crops. It adapts itself to a wide variety of soils; a long dry spell may stop its growth, but it starts again with the first rain. The grain as well as the plant makes fine feed for stock, hogs, poultry and pigeons. With Cowpeas, sow broadcast one peck of Kaffir Corn to a bushel of peas; sown alone, 3 pecks to a bushel an acre broadcast; in drills 6 to 8 pounds an acre in  $3\frac{1}{2}$ -foot rows. Plant from after the ground is thoroughly warm till early in June.

## SAGRAIN

Grows on land you can't plant to other crops; thrives in low places that usually drown out. Produces from 8 to 20 tons silage, or if left to ripen will produce from 50 to 75 bushels grain (about double corn yield), and 4 to 8 tons cured hay; has heads like Kaffir. Usually weighs about 7 ounces and the average ear corn weighs 8 ounces. In feeding value has 90% value corn; can be fed to hogs, chickens, cattle and work stock. Plant as early in the spring as frost will allow. Will then be ready to harvest when the crops are laid by, usually along about August 1. Splendid in combination with Biloxi Soy Beans.

Plant in  $3\frac{1}{2}$ -foot rows. Cultivate a couple of times and thin out, leaving a stalk every 8 inches apart. Use a common sorghum or pea plate. We do not recommend broadcast planting. Can be best harvested with corn binder, shocked like oats until cured. Six to eight pounds will seed an acre, planted in 3 to  $3\frac{1}{2}$ -foot rows. From each seed planted you get from 6 to 10 heads of grain as it stools out and should be left very thin in drill.

**303-33.** An improved strain, a dwarf selection of the original Sagrain, with heavier head. Stalks grow stocky, dwarf and very uniform. You will find it a great improvement over the regular strain.

## SORGHUM

**CULTURE.** Plant when the ground becomes thoroughly warm, say two weeks after corn planting, on a rich, well drained clay loam, in rows  $3\frac{1}{2}$  to 4 feet apart, and cultivate as you would corn. After the flowering stage is passed, but not earlier, it may be pastured or cut for fodder. Sorghum may be grown with cowpeas and soy beans either in rows or broadcast.

### CANE SEED FOR SORGHUM

#### Special Warning on Sorghum Cane

**NON-WARRANTY.** Owing to the peculiar hybridization of syrup cane varieties, it is impossible to guarantee any of the varieties here listed. We have selected all the syrup cane varieties on our list with best possible care, but at the same time do not guarantee that they will come true.

All orders for syrup cane varieties are therefore accepted only on these conditions.

**JAPANESE HONEY RIBBON CANE.** For making syrup this variety has no equal. It has been yielding from one hundred to two hundred gallons per acre. It makes a syrup of bright amber color and of fine flavor. The stalks grow from 12 to 15 feet high, the seed are carried in a sprangling type head, are red, rather flat shaped and most of the hulls remain on the seed when threshed. With its large foliage makes one of the best varieties for ensilage.

For making syrup, cut just before the heads ripen, at which stage the sugar content of the plant is greatest.

Japanese Ribbon Cane matures ready for the mill in about 130 to 140 days. We, therefore, advise planting as early in May as possible. One gallon of seed will drill one acre. Cultivate like cotton, leaving plants about 10 to 12 inches apart in the row.

**RED X CANE.** In an effort to give to our customers something of real value as a Syrup producer, we have purchased stocks of this variety from the American Syrup & Sorghum Company, who grow hundreds of acres of it yearly, selling thousands of gallons of syrup from it. Red X is one of the best producing syrup canes of the type known as Sugar Drip. Grows 8 to 10 feet tall, has a compact head, seeds are light in color, and hulls usually come off when threshed. Matures in 95 to 110 days; a heavy yielder of syrup, making a juicy and succulent growth. Plant in  $3\frac{1}{2}$  foot rows thinning out to stand 10 to 12 inches apart. Cultivate as you do corn. One gallon of seed will drill one acre.

**SUGAR DRIP.** It makes a large, juicy and succulent growth. It will yield about 65 per cent of the weight of the cane in juice. One of the most desirable syrup varieties.

**QUANTITY PRICES ON SORGHUM AND OTHER SEEDS DESCRIBED ON THIS PAGE ARE GIVEN ON OUR GREEN INK LIST ECLOSED.**

### Hegari

One of the Newer Non-saccharine Sorghums that quickly became popular in the South. Something like Kaffir and Feterita but much earlier which is desirable, and a very much heavier producer of grain. Dwarf in growth, with large heads of white grains that shatter very little. Stands dry weather well. Plant 8 to 10 pounds per acre in drill.

### New Improved Ceresan Seed Disinfectant

America's premier agricultural disease treatment for Wheat, Oats and Barley. Use 2% Ceresan for Sorghums, Millets and Peas. It kills external diseases and gives you better stands, as well as allows earlier plantings. This is a remarkable preparation and the results will be an agreeable surprise. Don't fail to use Ceresan on all of your seed grains before planting. 1 lb. can, 75c; 5 lb. tin, \$3.00. Postpaid, 1 lb., 90c; 5 lbs., \$3.25.

**Seed Peanuts**

Prepare the ground well, laying off in rows with a shovel plow; the rows should be 3½ feet apart, and put two kernels to the hill, hills about one foot apart. One and one-half bushels of unshelled nuts will seed an acre. Crack or break the hull before planting.

**TENNESSEE LONG RED.** Especially adapted to this section. The nuts contain three large kernels in each and are enormously productive.

**IMPROVED WHITE VIRGINIA.** These are uniformly large, and when grown on light sandy land will produce nuts of that bright attractive appearance demanded by the best trade.

**SPANISH PEANUTS.** Although not as large as other kinds there is no peanut grown that so entirely fills the pod or can compare with it in sweetness and flavor.

**Broom Corn**

**BLACK SPANISH BROOM CORN.** Very desirable on account of its good length and its uniformly straight straw and color.

**EARLY JAPANESE BROOM CORN.** Matures two weeks earlier than any other sort. Straw is long and of finest quality; sold last fall for \$250.00 and more per ton.

**IMPROVED EVERGREEN BROOM CORN.** An excellent variety of good length; has fine straight straws. Sow in April, one gallon to the acre.

**SCARBROUGH DWARF BROOM CORN.** A new variety of Dwarf Broom Corn, the straw is erect, very straight and uniform in length. It always brings top prices on the market.

**CROTALARIA Spectabilis**

This is truly a marvelous summer cover crop, a yield of 40,000 pounds of green material per acre is not uncommon. The humus produced by such a yield is of tremendous value. **More important still,** Crotalaria is a legume adding, when turned under, the equivalent of 800 pounds of Nitrate of Soda per acre (3-year test Florida Experiment Station showed 885 pounds average).

Crotalaria has succeeded all over the South, and as far north as Indiana. It is not a host to injurious insects and diseases. It will reseed itself under favorable conditions, but is not a pest and can easily be eradicated. Splendid soil builder in orchards, etc. Fine with corn planted in same rows when corn is planted, or in corn and other farm crops at last cultivation. It will just about double crop yields following it.

It is not offered as a feed crop, or hay crop, though a nearby farmer tells us his mules ate it readily. But it is really too valuable as a fertilizer to feed. It will reclaim worn-out hillsides, gullies, etc.

Thoroughly plow, disc and harrow the soil. Sow after danger of frost is past, when moisture is present, 10 to 15 lbs. per acre broadcast or 5 lbs. drilled in 3 foot rows, using scarified seed only as with Sericea. Firm the soil immediately after planting to conserve the moisture, cultivate once or twice when planted in rows.

Louisiana (Baton Rouge) Experiment Station for 1929 to 1933 reports 5 year average yield of 22 tons green manure per acre and 169 lbs. nitrogen, equivalent to 1000 lbs. 16% Nitrate Soda.



Crotalaria is a true soil builder.

**Dwarf Essex Rape**

This splendid crop has at last come into its own—larger and larger acreage being planted every year. The reason—it is a most excellent pasture and green forage crop for cattle, hogs, sheep and stock. It is high in feeding value, producing an abundant flow of milk in milch cows (feed rape to milch cows after milking, not before, to avoid slight cabbage flavor to milk).

Experiments show that Rape is a more efficient fattener and more economical feed for hogs than Alfalfa, Clover or Blue Grass. It will stand more cold weather and last longer in the fall than any of the grasses. One acre of Rape will pasture 8 to 10 sheep, other animals in proportion. Turn stock in when plants are 8 inches high. To avoid possibility of bloating, accustom stock to Rape gradually, pasturing after dew is off. Feed dairy cattle and sheep a full feed of grain for the first week or two before pasturing Rape, and provide salt at all times.

Rape can be cut and fed green. Cut about 4 inches above ground, first time when plants are a foot high, just enough for a day's feed at a time. When you expect to cut and feed green, Rape should be planted in rows and cultivated 2 to 4 times.

Rape will grow 1½ to 3 feet tall—grows very rapidly—ready to use in 8 weeks. Prefers a rich mellow soil, will do well on most fairly good soils except sand or stiff clays. Needs plenty of moisture to start. Plow deeply, disk well and harrow thoroughly. Can be sown with spring grain or in combination with clover. Sow in drills 4 to 6 pounds—broadcast 10 to 15 pounds per acre, about 1 inch deep. Sow from August through April.

**Winter Rye**

Sow from Aug. 25th until middle of November.  
**ABRUZZI EYE.** A distinct variety, far better than any other, in that it grows very much faster and stools much heavier, which means doubling the amount of grazing on an acre. You can start grazing earlier after sowing and keep it up longer. Three pecks to one bushel abruzzii plants an acre against 5 to 6 pecks of other Rye—this makes Abruzzi cost less to plant, yet you get more in return.

**Winter Sand or Hairy Vetch**

One of our best Winter Legume and green manure crops. Rarely ever winter killed in the South. Grows on almost any well drained soil, thrives on sandy soil, needs a fair amount of moisture to start, but endures considerable drought. Sow in September and October in cotton middles, or with Rye, Wheat, Oats or Barley, as Vetch grows better if kept off the ground. Can be turned under in time to plant cotton or corn—a wonderful soil builder, **when inoculated,** a fair feed crop and grazing crop. Use Humus or Nitragin. Sow 15 to 30 pounds per acre, not too deep, have surface well worked and compact, also free of weeds. Price made in July.

**Hungarian Vetch**

Not as winter-resistant as Hairy, but nearly so. Does not grow as tall as Hairy, but its tonnage will surprise you. Grows off quicker in spring than Hairy, is more disease-resistant, and experiment station reports in Mississippi indicate it stores even more nitrogen in the soil than Hairy Vetch. Seed are cheaper per pound than Hairy but being larger, you must plant more per acre. Culture same as Hairy Vetch. Be sure to inoculate. Price given in July.

**Austrian Winter Peas**

Sown for same purpose as Vetch in September and October. Grows much like an English pea, upright, and is ready to turn under a little earlier than Vetch. Not as winter-resistant as Vetch but usually stands 12" above zero. Sow 30 to 40 pounds seed per acre in cotton middles. When sown broadcast with grain use 25 pounds Winter Peas and 3 pecks Abruzzi Rye or 1 bushel Wheat or two bushels Oats per acre. Be sure to inoculate. Use Humus or Nitragin. Price given in July.

**Winter Barley**

Sow from Sept. 1st to Nov. 15th 1¼ bus. per acre.  
**BEARDED.** The Standard for years in the South as a grazing crop and much relished by all stock.  
**BEARDLESS.** Bred from bearded and most of beards removed, usually about 85% beardless, which makes it better to cut in dough stage for feed. Equally good for grazing.

# Russell-Heckle's Field Seed Corn

Seed corn produces best results when planted under climatic and soil conditions similar to those under which it was originally produced. Our seed corn is produced in localities where each variety is at its best. With corn, as with other crops, no one variety has all the best qualities. No one variety is best suited for all soils and conditions. Plant corn suited to your locality. Southern varieties usually make best yields in the South, but for those who want quicker action we are prepared to supply the best Northern and Western varieties.

## Top Notch Brand Corns

Selected from high-yielding fields of well matured crops. Every ear hand selected, hand nubbed and hand tipped before shelling, then graded and cleaned. All this selection and handling is done by men who know seed corn. Result—satisfied purchasers and improved crops.

Top Notch Brand seed corns cost a trifle more than ordinary machine graded corns, and are worth it. If the difference were \$1.00 per bushel, that would be just 12c to 15c per acre additional cost. An additional yield of **one peck** per acre from Top Notch would equalize that. We believe you can expect 10 to 30 extra bushels per acre with Top Notch.

## Top Notch Paymaster

We endorse this corn as one of the most satisfactory and heavy yielding corns for Southern farms. Bred in Tennessee, its excellence reached the point where seventy-five percent of all the corn planted in the State of Tennessee is reported to be Paymaster. Paymaster is now planted all over the South. White grain, cob bright red; mostly two ears to stalk, ears well filled to end. A tall variety making good ensilage, maturing 100 to 115 days. **Postpaid, 1 gallon, 60c.**

## Top Notch Tennessee White Red Cob

An extra large field corn; grains long, white, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long and have from 18 to 20 rows. The stalks grow from 8 to 12 feet high, are broad, strong and short-jointed, it makes one of our best ensilage corns. Matures in 120 days. **Postpaid, 1 gallon, 60c.**

## Top Notch Hickory King

The white grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land. On good land it bears two ears to the stalk. **Postpaid, 1 gallon, 60c.**

## Top Notch Tait's Early White Dent

The stalk is short and thick. The ears grow long on the stalk, from 7 to 9 inches in length, almost parallel throughout, of medium size, averaging 14 rows of grains, and will mature in 90 days. The grains are pure white, compact and heavy. The cob small. **Postpaid, 1 gallon, 65c.**

## Top Notch Silver Mine

Ears measure from 10 to 12 inches in length. They are very uniform in size and shape, 16 to 20 straight rows of deep, pure white kernels on a small white cob. Matures in 100 days. **Postpaid, 1 gallon, 55c.**

## Top Notch White Dent

White grains, slightly dented, medium size white cob, ears good length, well filled. Maturity 90 days. An old standby for late planting. **Postpaid, 1 gallon, 55c.**

## Top Notch Mosby's Prolific

One of the most prolific corns in existence; the stalks are tall, bearing 2 to 5 fine ears. The grains are long, set close to a small white cob, very uniform in shape, well filled. Another important feature of this fine corn is its abundant foliage, which renders it superior to most sorts for ensilage purposes. This is a southern corn, and is recommended for general crop. It is pearly-white, small cob, deep full grain, neither too hard nor too soft. Matures in 110 to 120 days. **Postpaid, 1 gallon, 60c.**

## Top Notch North Carolina Prolific

A beautiful white prolific corn. Matures in about 115 days. Well adapted to both field and table purposes, just flinty enough for milling the most beautiful meal. Some of the largest yields of corn ever made in the South have been made with this prolific corn. **Postpaid, 1 gallon, 60c.**

## Top Notch Hastings' Prolific

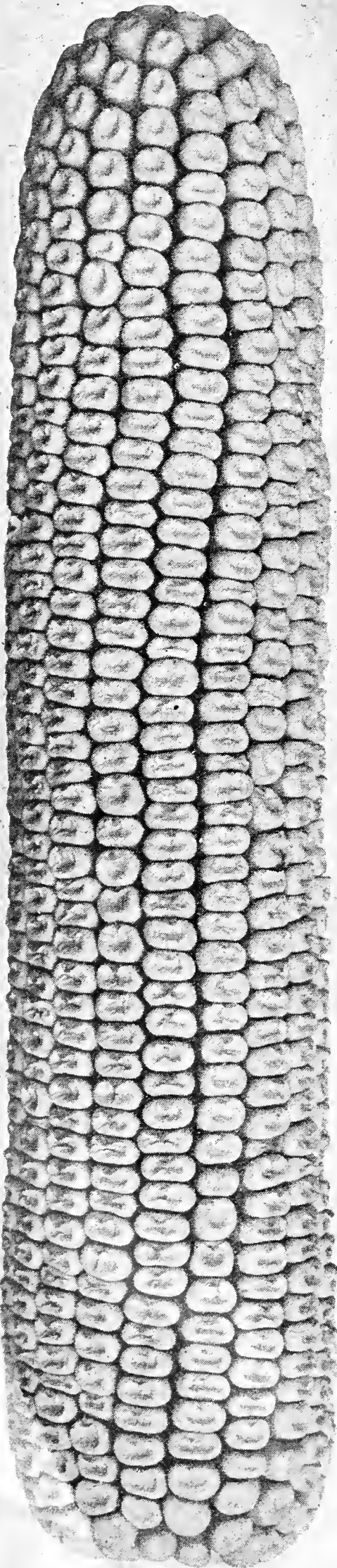
It will make two ears to the stalk on average land, and if planted 24 to 30 inches apart in the row on good strong land, four to six ears to the stalk can be had. The ears are well filled at both ends; the cob is small; the shuck is heavy and covers the ear tightly, protecting it from birds and insects. Matures in 120 to 130 days. **Postpaid, 1 gallon, 60c.**

## Top Notch St. Charles White Red Cob

The ears are large, both in length and circumference. The grains are deep and firmly set in a medium large red cob. Matures in about 100 days. **Postpaid, 1 gallon, 55c.**

## Tarless Crow Repeller

A clear tar-free liquid that will not clog or gum the planter. Corn seed treated with tarless crow repeller, keeps black birds, crows, doves, squirrels and moles from molesting it; also prevents seed rot, non-poisonous and non-injurious to the seed, saves seed and replanting. **1 bu. size, 60c; 4 bu. size, \$1.50. Postpaid, 70c and \$1.65.**



Top Notch Paymaster

For Quantity Prices on Seed Corn See Green Ink List enclosed.

# R. H. Co.'s Top Notch Seed Corn

## Top Notch Jarvis Golden Prolific

This is one of the finest corns for this section on our list. A natural drought resisting variety, one of the few varieties of Yellow Corn that produces more than one ear. It is hard enough to withstand any kind of weather in the fall. Crops have been left in the field until early spring and then came out good, sound corn.

A native southern Yellow Corn, carefully bred, and one that bears two good ears to the stalk. The stalk is rather dwarf, 6 to 8 feet high, and does not fall down in stormy weather. Grains are bright golden-yellow; ears are firm and solid, about 7 to 10 inches long. The grain is medium in size. This is a very productive and desirable variety, and is drought resistant.

Our seed is all carefully selected. It will please you.

Postpaid, 1 gallon, 60c.

## Top Notch Early Yellow Dent

Yellow grains, medium size red cob, ears good length, about 90 day maturity. One of the popular varieties, for late planting particularly.

Postpaid, 1 gallon, 55c.

## Top Notch Large Golden Dent

Large golden grains, big ear, red cob, medium size. Maturity about 100 days. Extremely popular everywhere.

Postpaid, 1 gallon, 60c.

## Top Notch Gold Mine

A dandy big eared yellow corn that succeeds well in this section. Grains medium long, bright yellow and set on medium to large size ear about 8 inches in length. Does well on good uplands. Matures in about 105 days.

Postpaid, 1 gallon, 55c.

## Top Notch Mexican June Corn

Our native grown selected strain. This dependable variety, largely planted late in the spring throughout the entire Cotton Belt, originally came from Mexico. It is largely used for planting after oats and wheat and can be planted as late as August 15th with good results. The stalks are usually short, although early plantings make stalks 12 to 15 feet high, leaves 4 to 6 feet long. The roots run deep and spread, so that it is a splendid drought resister. Ears 8 to 9 inches long, grains short to medium, cobs medium in size, and while usually white, occasionally you'll find a red cob with white and some blue grains. This apparent mixture of color is peculiar to many varieties of Mexican Corn.

Postpaid, 1 gallon, 60c.

# Russell-Heckle's Celebrated HARPETH RIVER SEED CORNS

## Tennessee Bred and Grown

We are proud of our Harpeth River Seed Corns. They are selected and handled right; they are what seed corns should be, and you will agree when you see them. Each bag is from hand selected ears, hand-nubbed and hand-tipped before shelling, then graded and cleaned, just as we do with our famous TOP NOTCH brand corns.

Harpeth River seed corns established a reputation thirty years ago in the days of the late Col. Joe Ullathorne, who first introduced them. They were his pride then—they are ours now.

Harpeth River Seed corns cost a trifle more than ordinary commercial seed corns, and are worth it. If the difference in cost were \$1.00 per bushel, that would be just 12c to 15c additional cost per acre for seed; you should gather ten to thirty extra bushels per acre with Harpeth River corns, for "like produces like."

Every bag is plainly printed, "Harpeth River Seed Corn." Buy only the genuine. Obtainable in the following varieties (see descriptions under Top Notch Corns):

- Harpeth River Champion White Dent.
- Harpeth River Early Yellow Dent.
- Harpeth River Large Golden Dent.
- Harpeth River Hickory King.
- Harpeth River Jarvis Golden Prolific.
- Harpeth River Paymaster.
- Harpeth River Tennessee Red Cob.
- Harpeth River Hastings Prolific.
- Harpeth River Mosby Prolific.

Prices on above are given on our Green Ink List.

## Pop Corn

We can supply the following varieties. Prices uniform as follows: Postpaid, 1/2 lb., 20c; 1 lb., 35c. Not prepaid, 1/2 lb., 15c; 1 lb., 25c.

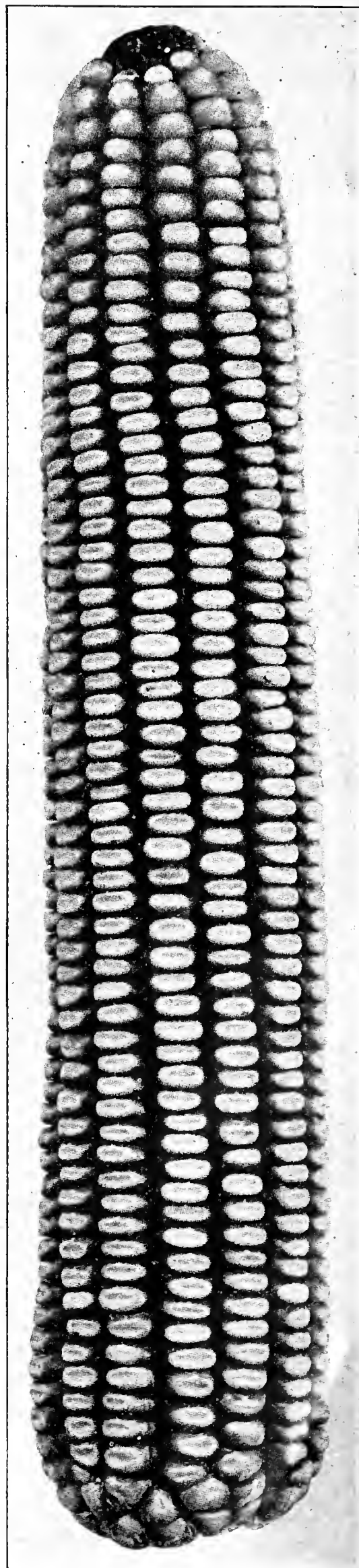
**BABY RICE or JAPANESE HULLLESS**  
**SOUTH AMERICAN YELLOW DYNAMITE**  
Quantity Prices on Green Ink List.

## New Improved Semesan Jr.

is used as a dust disinfectant to control the ear, root and stalk rots of corn. In tests conducted in both Illinois and Iowa by the Federal and State governments, **SEMESAN JR.** increased yields from diseased seed by varying amounts up to 38%.

**NEW IMPROVED SEMESAN JR.** is applied only as a dust, at the rate of three ounces per bushel of seed. The cost therefore is only about 5c an acre of field corn. Send for **SEMESAN JR.** Corn Pamphlet with full directions.

Price, 4-oz. tin, 35c; 1 lb. tin, \$1.00; 5 lb. tin, \$4.75. Postpaid, 45c; \$1.10; and \$4.95.



Harpeth River Jarvis Golden Prolific



## The Best of Each Variety

The breeding of cotton seed is a most interesting study. Remarkable changes in type have been effected since the advent of the boll weevil made necessary earlier and earlier maturity, lighter foliage, smaller stalks, etc. These improvements are constantly going on, and new varieties and types are continually being developed.

We keep constantly in touch with this work all over the South, and as soon as a new variety has proven its worth and its seeds are available in commercial quantities, we offer them to our customers. We buy from breeders direct, and from growers who get breeders' stock and plant an entire plantation in one variety, and gin on their own private gin. (Note—Half and Half cotton is an exception to this general rule, as all of it is produced by relatively small farmers who gin on a community gin except seed from the originator, which we also handle.)

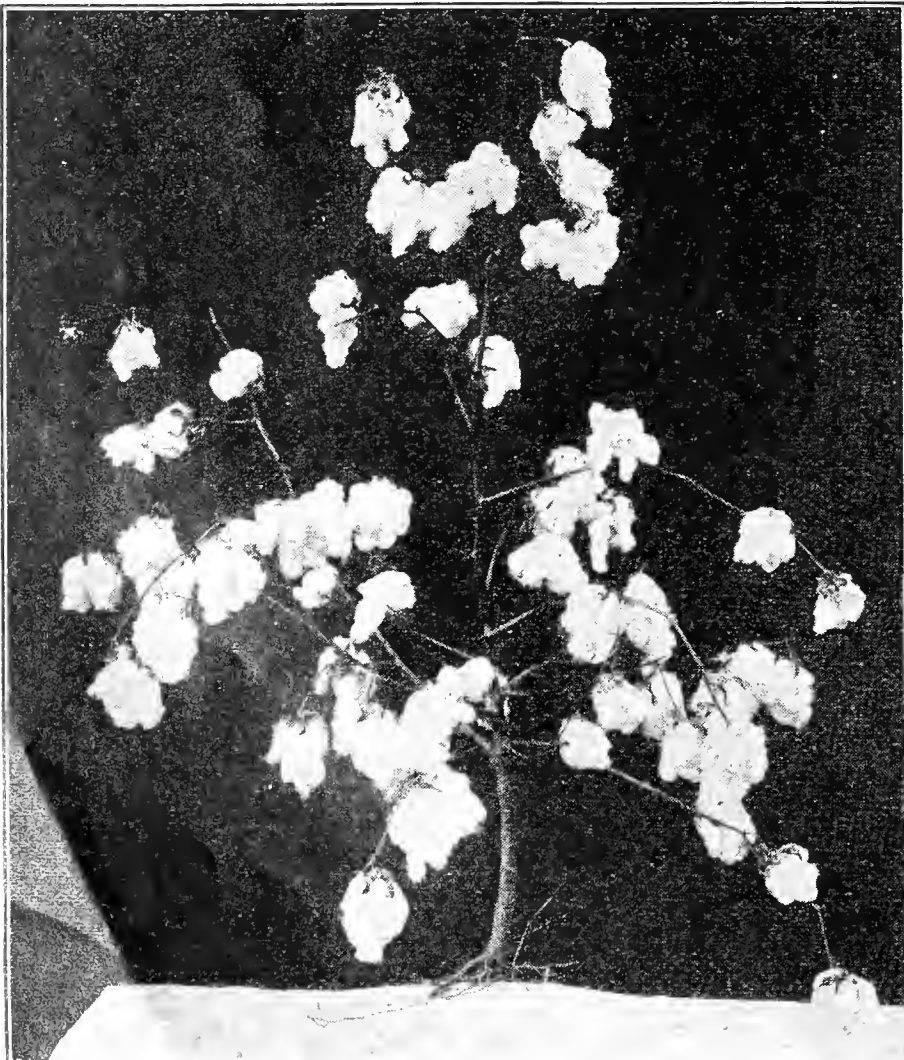
### Machine Culled, Graded and Cleaned

After trying out all the cotton seed cleaners on the market, we felt better work could be done and built one of our own. Results have justified the expense. We take out hulls, loose cotton, trash, dirt, light weight immature seed. You would be amazed at what we remove from a ton of seed, even when the seed look very clean at first glance.

Therefore, the seed we ship are plump, full weight, uniform seed, clean of all trash; easy to plant, no clogging of planter, which means a uniform stand of strong, vigorous plants (plump heavy seed produce strong plants, light weight seed produce weak, sickly plants, and we remove them). Our culled and graded seed require less seed per acre to obtain a stand, which is a saving, and they produce more cotton per acre, which means more profit to you.

### Test for Germination

Germination tests are made on all our seed before shipping, and a careful record kept. We offer no seed to anyone that we haven't every reason to believe is right. We do not leave such matters to chance.



Bode-Meade (Extra Long Staple)

### Bode-Meade

(Extra Long Staple)

We quote below from Mr. Bode, who has brought this variety to prominence.

The expression "1000 on" means ten cents per pound premium over middling inch cotton, or \$50.00 extra on each bale. We note this fall (1935) that Bode-Meade is not always pulling an inch and half, but an inch and quarter upward, occasionally  $1\frac{3}{16}$ . This is no doubt due to the extremely long drought. However, every one who grew it seems well pleased, and several large planters told us Bode-Meade was by far the best cotton on their place in 1935. Further, even though not reaching tax free length, it is bringing a big premium in price.

Bode-Meade is a strain of Meade upland cotton that has been adapted to Delta conditions by plant selection until at the present time it grows and opens with the same facility as cotton of shorter length so common to this area.

The staple under favorable weather conditions is sufficiently long to pass as tax free cotton. To be tax free, cotton must have  $1\frac{1}{2}$  inch staple.

All cotton ginned from our Bode-Meade plots has been classed as tax free staple.

Stalk is medium in height, small leaf, medium size boll, five locks predominate, excellent fruiting, opens well, splendid storm resistance, picks easily.

Average price last three years 1000 on the market.

Quantity prices on Green Ink List

## D. P. L. No. 10

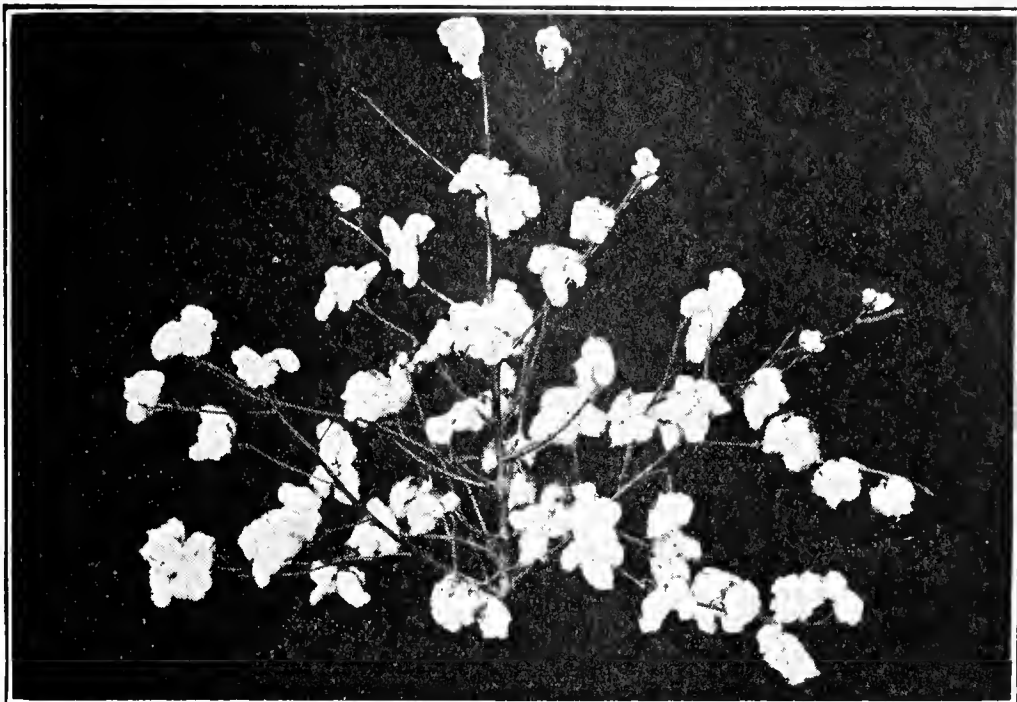
D. P. L. No. 10 is better than any previous strain as shown by various experiment station tests. Much more uniform in type, more productive in the field, and earlier than D. P. L. Nos. 4-8, which was good itself. The planter who produced most of our stock for spring of 1936 produced better than a bale per acre, nearly a bale and a quarter on around 900 acres. Naturally this was grown on rich delta soil. He got the same average the year previous.

D. P. L. No. 10 usually shows 36 to 38% outturn at gin, pulls 1 to 1 1/16 inches. Picking qualities excellent, and the storm resistance is extra good. Bolls are large 65 to 75 to the pound. Plant vigorous and spreading, and very resistant to wilt.

## D. P. L. No. 11

The newest and most sensational strain of them all. Stands right at the top among the inch to inch and sixteenth cottons. Has everything that it takes to make a "winner"—very prolific yield in the field, extra earliness, easy picking qualities, storm resistance, uniform plant, uniform staple, unusual wilt resistance. And in addition, gin outturn averages 42%, sometimes 44% is indicated.

Buy your seed of this variety early to avoid disappointment as D. P. L. No. 11 supply will move early.



D. P. L. No. 11 Cotton

## Missdel No. 3

This variety has all the good characteristics of the Missdel No. 1 which made such a record for 3 years, and a lot more beside. For the Delta Planter who wants extra staple length it is the safest bet of all, makes a good crop every year, with weevils and with unfavorable cotton weather. It is an easy cotton to pick and a big yielder every year (bale per acre on 1,000 acres this year) bringing a big premium over short cotton prices. As high as 17 cents in October, 1933, and lots of it 14 to 15 cents when short cottons were 8 to 10 cents a pound. Think what extra profit to the grower!

Type, semi-dwarf, light foliage; big boll, 60 to 65 per pound; lint 32% to 34%, 1 3/16 to 1 1/4 inches full. Maturity, the earliest of all staples of equal length. Storm resistance good.

## Missdel No. 4

Type, dwarf and very hardy, and just about the earliest cotton grown. This variety on heavy black land will get off quicker than any other cotton, and because it has such a small stalk that the sun can get into, it matures "right now."

The boll is not so large as No. 3, about 70 to 75 to the pound, storm resistance is good, its lint percentage on Delta land runs 34 to 36 (better than thirds itself). And on hill land it has run 36% to 39%, think of it! Length of staple on Delta soil 1 1/8 to 1 3/16 inches and in hill land 1 inch to 1 3/32 inches. The picking qualities have been much improved over Delfos 6102 from which it was developed. The originator of the famous Delfos cottons, speaking at the Station 2 years ago, said Missdel No. 4 was the greatest cotton he had seen.

Missdel No. 4 has made more cotton per acre on large acreage than any other cotton known of the same length.

## Stoneville No. 1

This has proven an ideal cotton on both sides of the river. Very early maturing, extra large bolls, 55 to 65 to pound. Easy to pick, but good storm resistance, lint percentage 33% to 36%, staple 1 1/16 to 1 1/8 inches. Wonderful crops of this cotton have been reported everywhere. You can see from description above why it is so popular. Further, the stalk is not large, but very dwarfy and stocky, and a very prolific yielder.

## Stoneville No. 5

Stoneville No. 5 is one of the newest Stoneville strains that are available in quantities and is one of the most popular cottons for thin lands that has been produced. It is very productive, the picking qualities are good, has a high lint turn-out, running from 38% to 41% on hill land; 36% to 38% on valley land. It is a storm proof cotton and produces a good strong staple on very poor lands from 1 to 1 1/2 inches; boll size 70 to 80 per lb., plants rather vigorous and spreading.

### COTTON SEED PRICES

All cotton seed described above are quoted in our Green Ink List.

## Wilds No. 5

Wilds cotton was originated five or six years ago by Coker Pedigreed Seed Farms, in South Carolina, and they have been working on it year after year, bringing up the desired characteristics each year, so that now they say of Wilds No. 5, "Our longest and best staple cotton."

Wilds 5 pulls 1 1/4 to 1 5/16 inch staple and sold in the fall of 1934 as high as 20c per pound. Has extra large bolls, 58 to 60 to the pound; 33.7% lint turn-out. Early maturity, quick fruiting, more open than Wilds 4, picking quality good. A prolific yielding cotton, very desirable on Delta soils.

Our Wilds No. 5 seed grown by Dean plantation near Leland, Miss., who bought solid carload from originator last spring.

## Cokers Foster 6

One of the most popular staple cottons bred by Coker Pedigreed Seed Farms. If your land grows too much weed, try this cotton, it makes a very small stalk. Very open growing, small leaves, very early maturing. Bolls large, 68 to 70 to the pound, are long ovate, slightly pointed, open out wide and fluffy, picking quality good, staple 1 1/8 in. to 1 3/16 in. A wonderful producer.

## Delfos No. 531

This cotton is an extremely early maturing variety, quite similar to Missdel No. 4. Both are developments from the original Delfos 6102. It is one of the most prolific bearers ever developed, and one of the most successful cottons under boll weevil conditions. Foliage is light, plant is medium, vigorous and spreading. Bolls 75 to 80 to the pound. Lint percentage 32 to 34. Lint length on valley land 1 5/32 to 1 7/32, and on hill land 1 3/32 to 1 5/32.

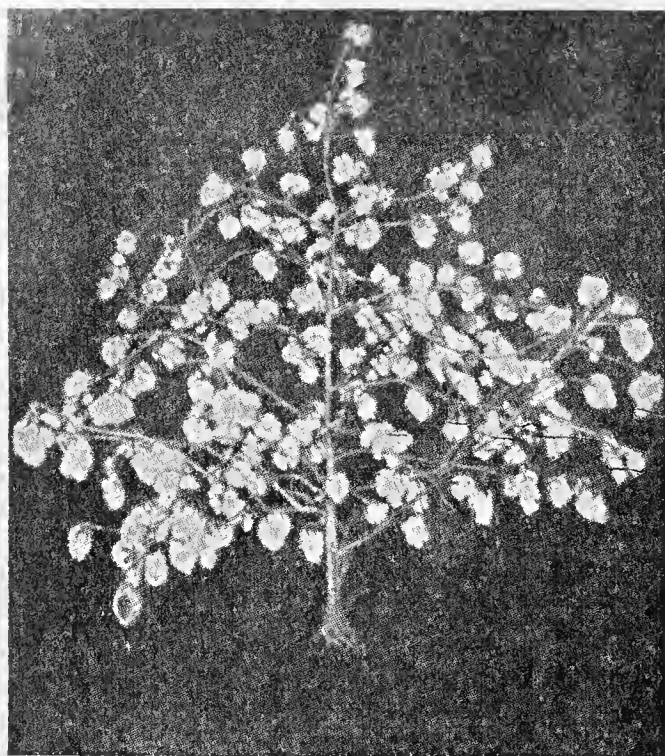
## Rowden 40

Rowden cotton has been known for 25 years, but the strain 40 is a distinct improvement developed at the Cotton Experiment Station in Arkansas. It has a very large round boll, very popular with pickers. Lint outturn averages 35%. Staple 1 1/16 inches. Early maturity, storm resistance good. A prolific yielder, and particularly desirable where cotton wilt is present, as it is highly wilt resistant.

## Half and Half

Probably the most "cussed out" cotton known. Cotton mills claim it is too short and brittle to be desirable. However, year after year, farmers demand this variety, and make a good living out of it, receiving almost as much per pound as for other short cottons, and a whole lot bigger turn-out at the gin. The originator claims from 45% to 51% lint.

Unless you buy from the originator (we have the originator's seed, described on the next page), you can only obtain Half & Half ginned on public gins because it is almost entirely raised by small farmers. We pick only the best we can find, demanding gin records to show how it turns out, and turn down much more than we buy. All other cottons we can furnish privately ginned, but you can't do this on Half & Half.



Summerour's Half and Half

# Summerour's Half and Half

*Direct from the Originator in his own bags*

So many requests have come from our customers for absolutely pure Half & Half seed that we arranged to handle the originator's seed. We have brought a carload to Memphis already for shipment to customers nearby. To those nearer to Georgia than Memphis, we will ship from Georgia. All of it is packed by Mr. Summerour in his own bags.

Here is Mr. Summerour's brief description:

"Our Summerour's Half & Half Cotton has become so widely known and our seed so widely used that most everyone knows its type. Thinking, however, that this catalog might get into some party's hand who has not seen our cotton grow, we give the following description:

"It has a strong, vigorous stalk, with medium size leaves and many fruit limbs which begin to fruit early and rapidly. It opens as early as the earliest types. The bolls are medium size, mostly five lock, averaging from fifty-five to sixty per pound. Most of the bolls are round like a ball. The seed are very small and will plant a great deal more per bushel than most other varieties. It is a hardy cotton; stands the cold spring better than the average cotton, and on account of its extra-rooting system, its drouth-resistant qualities are remarkable."

*Mr. Summerour sent us a few of his late gin records:*

Weight Seed Cotton	Weight Bale	Percent Lint	Weight Seed Cotton	Weight Bale	Percent Lint
1,085	532	49.0	1,025	525	51.2
1,050	517	49.1	1,100	510	46.3
1,120	546	48.8	1,310	638	48.7
1,145	566	49.5	1,025	518	50.5
1,180	578	49.0	855	437	51.1
1,100	540	49.0	975	507	52.0
1,090	525	48.1	1,050	522	49.7
977	492	50.3	1,025	508	49.5

Letter after letter to Mr. Summerour from his customers scattered all over the South show they obtained same lint percentages. We shall be glad to quote you prices on **Genuine Summerour's Half & Half**.

## Make All Your Cotton Acres Pay a Profit Treat Your Cotton Seed with 2% Ceresan

You can prove on your own farm it pays to disinfect cotton seed before planting. That is what 22 Texas growers did. They planted side by side in their fields untreated seed and seed dusted with 2% Ceresan. Here is what they found:

### 62% Better Stand Before Thinning

Before chopping out, the 2% Ceresan treated rows, on the average farm, showed by actual count 62.3% more plants than the untreated rows—nearly two-thirds more plants!

### 14% Better Average Yield

At picking time, the cotton from the 2% Ceresan treated and untreated rows was harvested and weighed separately. In every case, the treated rows out-yielded the untreated rows by 5 to 45%. The average increase in yield was nearly 14%—almost one-seventh more cotton!

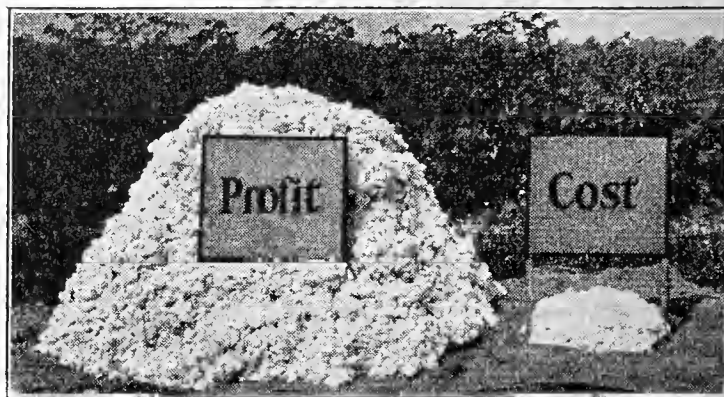
2% Ceresan nearly always produces a better final stand, with the plants more uniformly spaced, stronger and better able to produce a good crop.

2% Ceresan helps to prevent seed rotting, sore-shin, seed-bark, anthraenose and angular leaf spot. It nearly always gives you a better stand. You can plant less seed—and plant it earlier—if it is treated. The saving in seed alone pays the small cost of the 2% Ceresan several times over.

Dusting cotton seed with 2% Ceresan increases the yield. It makes working acres out of loafing acres.

### A Pound of Cotton Pays the Cost

Treating cotton seed is inexpensive. It requires only 3 ounces of 2% Ceresan to dust a bushel of seed. At current prices a pound or so of cotton pays the cost.



**2% Ceresan Has Increased the Yield of Cotton at Rate of 190 Pounds per Acre**

This treatment costs less than having your seed delinted; is more effective in getting a better stand besides destroying diseases. You certainly cannot afford to miss dusting your cotton seed with 2% Ceresan this Spring.

1 lb. treats 5 bushels, 75c; 5 lb. tin, \$3.00; 25 lb. pail, \$12.50; 100 lb. drum, \$49.00; by mail, 1 lb., 90c; 5 lbs., \$3.25.



for bigger-better legume crops

**inoculate**

with



**The Original Legume Inoculator**



**A**GRICULTURAL Colleges everywhere endorse legume inoculation. Not only does good inoculation increase the yield, but it also improves the soil. Choosing the right inoculator is as important as choosing the right seed.

Established in 1898 NITRAGIN has served the American farmer dependably and successfully for over 35 years. Always fresh each year — DATED.

Every can of NITRAGIN packed with Billions of efficient Legume Bacteria guaranteed on the label. A moist-soil culture — APPROVED — NITRAGIN is also EASY TO APPLY.

**NEW REDUCED PRICES**

Will NOW Inoculate 1 lb. Alfalfa or Clover Seed. Costs Even Less For Soy Beans, Lespedeza, Vetch, Peas, Beans, Cow Peas.

Note the new 25 bu. size for Soy Beans and Cow Peas—costs only 1/4 of 1c per lb. of inoculated seed.

NITRAGIN Is The Best and Cheapest Insurance for all YOUR Legume Crops. It Pays Big Returns.

2% CERESAN used on COTTON SEED prevents diseases such as leaf spot, wilt, and anthranose. Makes possible earlier planting.

The use of 2% Ceresan on your seed is equal to delinting methods and much lower in cost.  
1 lb. 75c treats 5 bushels  
5 lb. can \$3.00 by mail  
1 lb. 90c;  
5 lbs. \$3.25



**LESPEDEZA**  
Unhulled or Hulled  
Size Retail  
1 bu. ea. .... \$ .35  
2 bu. ea. .... .60  
5 bu. ea. .... 1.25

**Soy Beans, Cow Peas, Lima Beans**  
Size Retail  
1 bu. ea. .... \$ .35  
2 bu. ea. .... .60  
5 bu. ea. .... 1.25  
10 bu. ca. .... 2.00  
25 bu. ea. .... 3.75  
\*25 bu. size." Packed only for Soy Beans, Cow Peas.

**Garden Size NITRAGIN for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines**  
Inoculates from 1 oz. to 8 lbs. seed.  
Retail Price....25c each

**INOCULATOR PRICES**  
When Ordering, Always Specify Name of Seed  
**Alfalfa, all Clovers**  
Size Retail  
1/2 bu. ea. .... \$ .35  
1 bu. ea. .... .60  
2 1/2 bu. ea. .... 1.25  
**Vetch, Austrian Peas, Canadian Peas, Beans**  
Size Retail  
1/2 bu. ea. .... \$ .30  
1 bu. ea. .... .45  
1 1/2 bu. ea. .... .70  
5 bu. ea. .... \$2.00  
\*\*100 lb. size." Packed only for Vetch and Peas.

**Oldest and Most Widely Used INOCULATOR In America**

# DICKINSON'S HUMUS INOCULATION

Now you can inoculate your alfalfa, clover, soybean or other legume seed without the use of water and still be sure of growth of soil-improving root-nodules as full and vigorous as was formerly possible to obtain only by the use of bottle or "Jelly" type cultures.

Dickinson's New Humus Inoculation has been perfected after careful study and experiment in the country's largest commercial soil bacteriological laboratory. Each culture contains millions of vigorous root-nodule bacteria living in a specially blended humus substance which can be mixed with the seed dry, just as it comes from the can. Every can contains plenty of culture material to fully inoculate the quantity of seed for which it is intended.

**IT PAYS TO INOCULATE**

**1 Insures Better Stands.** The legume crops require plenty of nitrogen in their early growth. Inoculation makes an ample supply available.

**2 Insures Bigger Crops.** Inoculation by increasing available plant food promotes the most vigorous growth and produces bigger crops.

**3 Increases Value of Crop for Feeding.** By feeding nitrogen to plants, their protein content and, hence, their feed value is greatly increased.

**4 Adds Fertility to Soil.** Inoculation provides plenty of nitrogen for the crop and, when it is turned under, adds to the soil an average of 100 lbs. of nitrogen per acre.

**DICKINSON'S HUMUS PRICES**

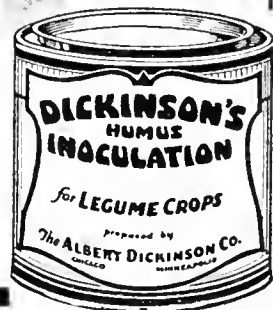
**For Alfalfa, Alsike, Red, Crimson Clovers, Sweet Clover, Lespedeza Small Seeds**  
1/2 bu. size.....\$0.30  
1 bu. size..... .50  
2 1/2 bu. size..... 1.00  
5 bu. size..... 1.75

**For Soy Beans, Cowpeas, Austrian Peas, Vetches Large Seeds**  
1 bu. size.....\$0.30  
2 bu. size..... .50  
5 bu. size..... 1.00  
10 bu. size..... 1.75  
25 bu. size..... 3.50

100 Lb. Size for Austrian Peas and Vetches Only, 40c.  
200 Lb. Size for Austrian Peas and Vetches Only, 75c.

Above prices are parcel post, prepaid.

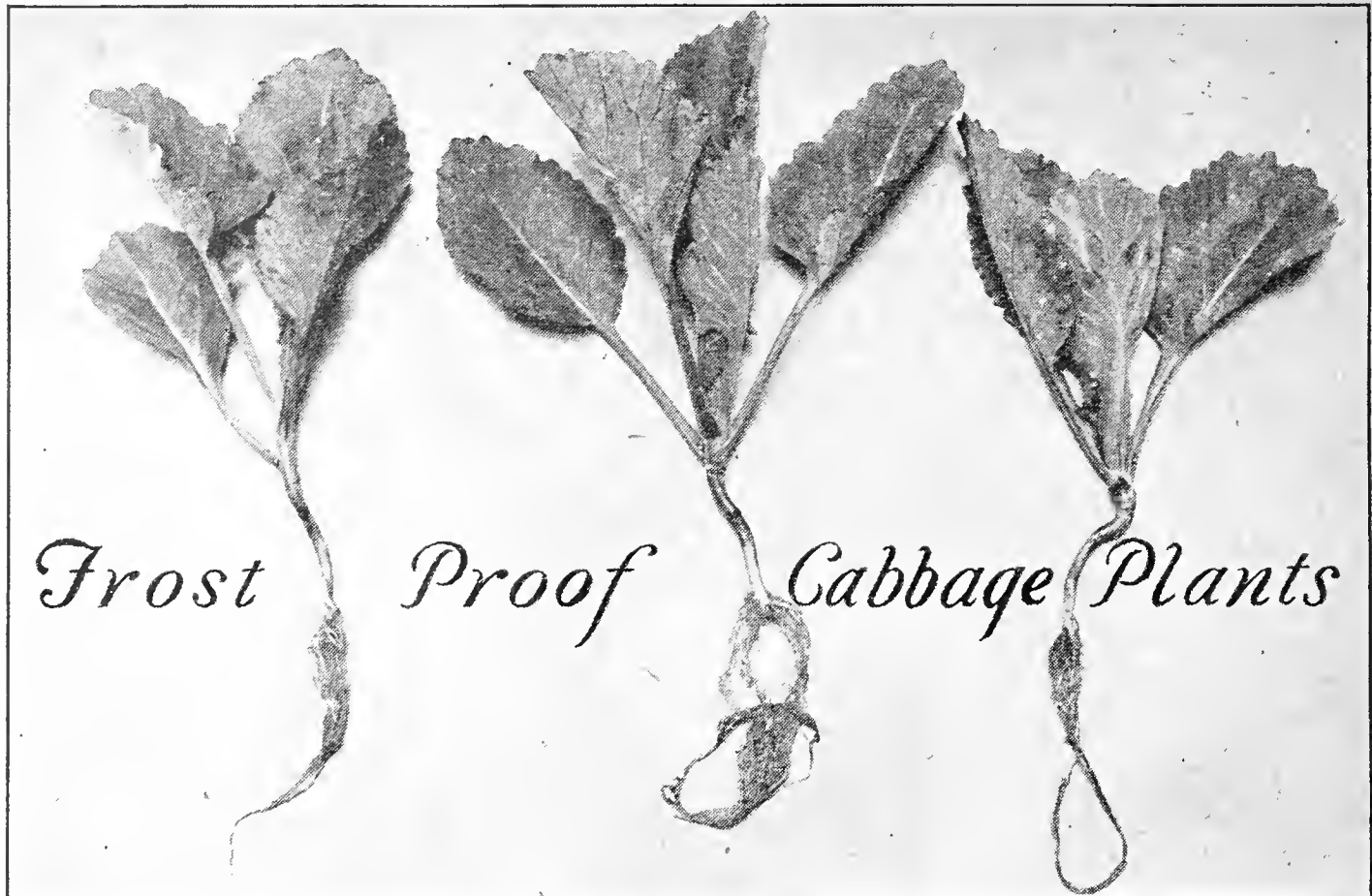
When ordering, always state kind of seed you wish to inoculate.



**TAR LESS CROW REPELLER**

Applied to Seed corn before planting prevents birds and crows from pulling it up. Will not gum the planter. Saves time, labor and replanting.

1 bu. size 60c  
4 bu. size \$1.50  
Postpaid.  
70c and \$1.65



**R.-H. Co.'s Frost-Proof Cabbage Plants**

These plants are grown in the open field during the fall and winter months, which causes them to make a slow, tough, hardy growth—so hardy that the outer leaves turn to a reddish brown. They can be shipped to distant points without danger of spoiling, and should be planted in the open ground from four to five weeks earlier than frame plants.

Orders filled from January 15th to April 15th. We do not advise planting later.

Plants will be shipped promptly after order is received if weather conditions permit. If plants do not arrive as soon as you expect them you may know that conditions beyond our control are causing the delay.

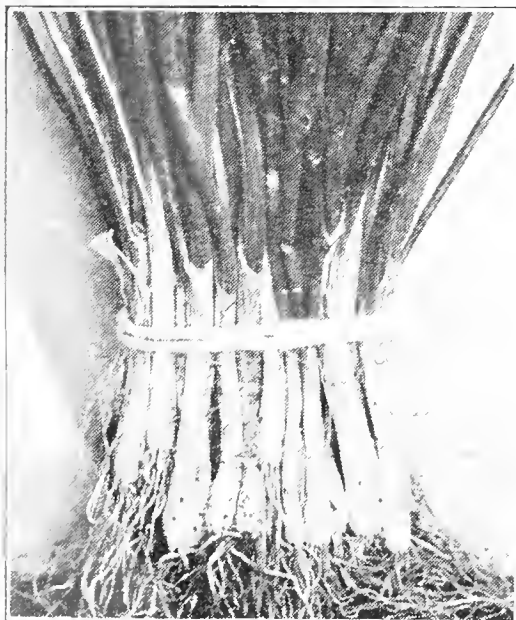
No plants shipped C. O. D. We will mail these plants at the postpaid prices named below or will ship by express collect either from Memphis or from growing stations. All plants must be paid for in advance. Please do not ask us to break this very necessary rule.

**We Can Supply the Following Varieties**

	Postpaid			Not Prepaid	
	100	500	1,000	500	1,000
EARLY JERSEY WAKEFIELD.....	\$0.35	\$1.15	\$1.85	\$1.00	\$1.50
CHARLESTON LARGE WAKEFIELD.....	.35	1.15	1.85	1.00	1.50
COPENHAGEN MARKET .....	.35	1.15	1.85	1.00	1.50
EARLY FLAT DUTCH .....	.35	1.15	1.85	1.00	1.50

Prices f.o.b. growing station, express collect—1,000—\$1.25; 5,000, \$5.00.

**R.-H. CO.'S BERMUDA ONION PLANTS**



Bermuda Onion Plants

Plant in rows about 15 inches apart and 3 to 4 inches in the rows. Set them out in February, March or April.

**Yellow or Straw Colored**

Postpaid, 100, 20c; 200, 35c; 500, 60c; 1,000, 95c. Not prepaid, 100, 10c; 200, 20c; 500, 45c; 1,000, 75c.

**Crystal White Wax**

Postpaid, 100, 20c; 200, 35c; 500, 60c; 1,000, 95c. Not prepaid, 100, 10c; 200, 20c; 500, 45c; 1,000, 75c.

**R.-H. Co.'s Garden Plants**

**Beet Plants**

CROSBY'S EGYPTIAN—DETROIT DARK RED. Postpaid, 100, 50c; 200, 85c; 500, \$1.75; 1,000, \$2.85. Not prepaid, 100, 35c; 200, 65c; 500, \$1.50; 1,000, \$2.50.

**Broccoli & Brussels Sprout Plants**

Ready March 15th

Postpaid, doz., 20c; 25, 35c; 100, 95c. Not prepaid, doz., 15c; 25, 25c; 100, 75c.

**Cauliflower Plants**

EARLY SNOWBALL. Postpaid, doz., 20c; 50, 70c; 100, \$1.25. Not prepaid, doz., 15c; 50, 50c; 100, \$1.00.

**Celery Plants**

GIANT PASCAL, WHITE PLUME. Postpaid, 25, 25c; 50, 40c; 100, 65c. Not prepaid, 25, 15c; 50, 30c; 100, 50c.

**Eggplants**

BLACK BEAUTY, N. Y. PURPLE. Postpaid, doz., 30c; 25, 50c; 50, 75c; 100, \$1.20. Not prepaid, doz., 20c; 25, 35c; 50, 60c; 100, \$1.00.

**Lettuce Plants**

BIG BOSTON-NEW YORK WONDERFUL. Postpaid, 50, 30c; 100, 45c; 200, 75c; 500, \$1.50. Not prepaid, 50, 20c; 100, 35c; 200, 60c; 500, \$1.25.

**Pepper Plants**

CALIF. WONDER, CHINESE GIANT, PIMENTO, BELL or BULL NOSE, HOT CAYENNE. Postpaid, doz., 30c; 25, 50c; 50, 75c; 100, \$1.20. Not prepaid, doz., 20c; 25, 35c; 50, 60c; 100, \$1.00.

**Certified Sweet Potato Plants**

NANCY HALL and PORTO RICO. Not prepaid, 500, \$1.25; 1,000, \$2.00.

**Tomato Plants**

Ready April 1st—Varieties

EARLY DETROIT  
GULF STATE MARKET  
LIVINGSTON GLOBE  
MARGLOBE—BEEFSTEAK  
NEW STONE—BONNY BEST  
PONDEROSA—BRIMMER

**Hot Bed Plants**

Postpaid, 25, 25c; 50, 40c; 100, 65c; 500, \$2.25. Not prepaid, 25, 15c; 50, 30c; 100, 50c; 500, \$2.00; 1,000, \$3.00.

**Transplanted Stock**

Postpaid, doz., 30c; 25, 50c; 50, 75c; 100, \$1.20; 200, \$1.90. Not prepaid, doz., 20c; 25, 40c; 50, 60c; 100, \$1.00; 200, \$1.50.

**Special Tomato Plants**

MASTER MARGLOBE—CERTIFIED RUTGERS, OXHEART, PENN STATE. Strong hotbed plants. Postpaid, doz., 40c; 25, 60c; 50, 90c; 100, \$1.50. Not prepaid, doz., 30c; 25, 50c; 50, 75c; 100, \$1.25.

# Bush or Snap Beans

**Culture**—These can be planted any time from April 1st to September 1st. Sow 3 inches apart in rows, and have the rows 2½ feet apart. One quart will sow 200 feet of row.

## GREEN PODDED VARIETIES

**BURPEE'S STRINGLESS GREEN-POD.** This Bean remains among the very best first-early round-podded Bush Beans. A very free bearer; entirely stringless; averages 5 inches long and is slightly curved. **Postpaid, Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**GIANT STRINGLESS GREEN-POD.** Pods greatly resemble those of Burpee's Stringless. Fully an inch longer in size and a trifle later. A variety that is largely grown for the market on account of its size and good shape. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**TENDERGREEN.** This is a new Bush Bean of utmost value. The plants make a strong and vigorous growth. They are well branched and carry a great quantity of beautiful light green beans. The pods grow 6 to 7 in. long. They are round, extremely meaty, and tender. Even when fully grown they are absolutely stringless. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**TENNESSEE GREEN POD.** Very prolific and one of the earliest Beans there is. Matures a week or ten days earlier than most other varieties. Pods long, flat, bright green. **Postpaid, pkt., ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**BLACK VALENTINE.** Pods measure 6 in. long, are slender, quite round, and straight. The flesh is fine grained and somewhat fibrous. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**STRINGLESS BLACK VALENTINE.** Stringless Black Valentine produces a great crop of attractive pods 6 in. in length. They are decidedly desirable because they are entirely stringless at all stages. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**



Burpee's Stringless Green-Pod



Tennessee Green Pod

**BOUNTIFUL.** A very attractive Bush Bean of choicest quality. It has proved to be unexcelled on light sandy soils, where the bushes will produce an extra-large crop of handsome beans. The pods are 6 in. long, flat, meaty, tender, strictly stringless, and of rich flavor. Matures early. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

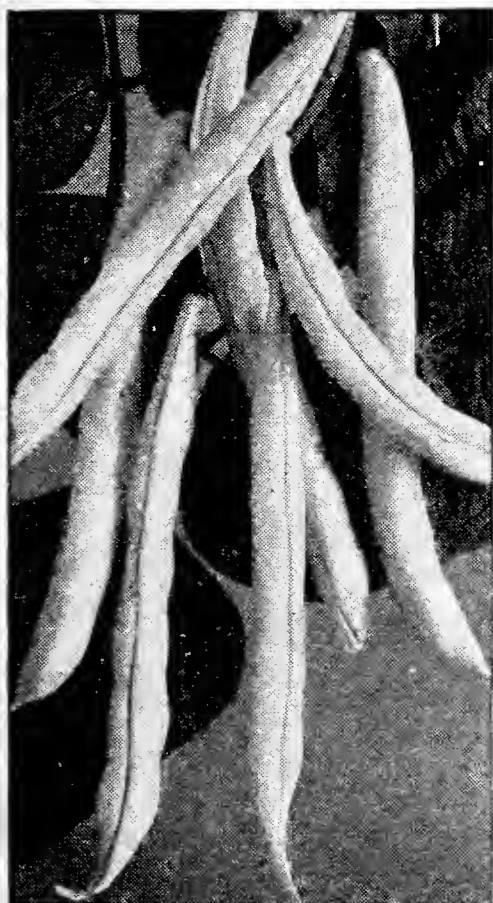
**IMPROVED EARLY RED VALENTINE.** Pods are 5 in. long, round, straight, and of dark green color. Very few strings; brittle, fine grained, tender, and productive. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**LONGFELLOW.** Extra-early, producing long, round, green pods which are tender, brittle, stringless when young. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**FULL MEASURE.** Medium-early, well-branched, round plant bearing a large crop of perfectly stringless, very fleshy, deep green pods measuring 5 in. in length. Quality is superb and the flavor rich and satisfying. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

7 10c size packets of any above bush beans sent postpaid for 50c.  
4 20c size packets of any above bush beans sent postpaid for 50c.

## Dwarf Wax Pod or Yellow Varieties



Pencil Pod Wax

**NEW DAVIS WHITE STRINGLESS WAX.** This desirable Bean, while it has all the fine qualities of the Davis Wax, is entirely distinct as it is entirely stringless. Pods average 6½ in. long, are waxy yellow, flat, and the quality and flavor are delicious. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**IMPROVED GOLDEN WAX.** One of the most popular of the wax varieties. Edible in about 42 days after planting. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**PENCIL POD WAX.** Very early and productive and absolutely stringless. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**PROLIFIC BLACK WAX.** Very early and productive, pods large and round, five to six inches long, strictly stringless, very brittle and of excellent quality. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

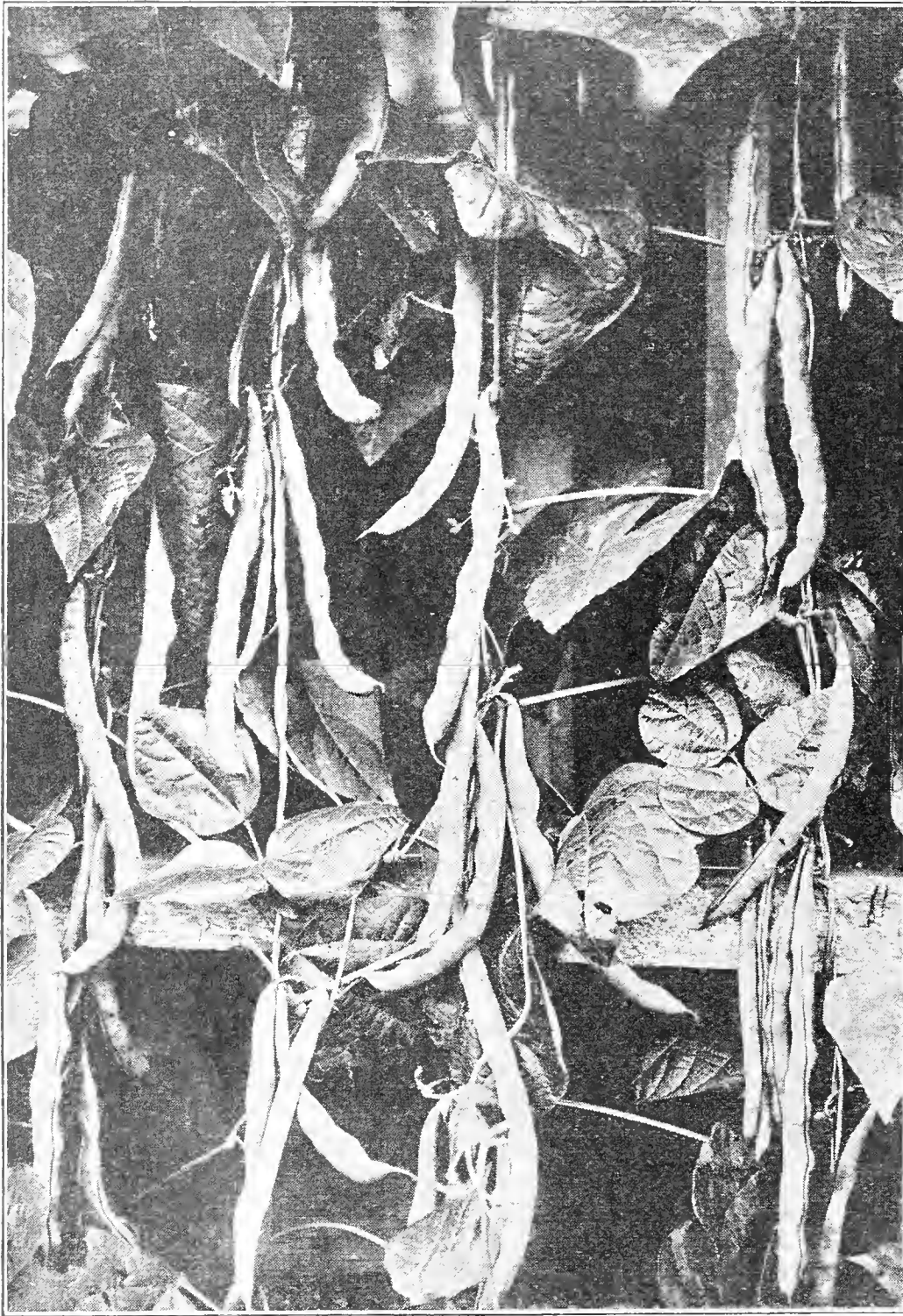
**SURE CROP WAX.** A recent introduction similar to Currie's Rust-Proof. Pods are longer, thicker through and entirely stringless. **Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**



Improved Golden Wax

**Peck, Bushel and Hundred Pound  
Prices Quoted on Green Ink List**

# Pole or Running Beans



Kentucky Wonder or Old Homestead

**Culture**—Plant in May and June in rows four feet each way; five in a hill. Pole beans can be planted as late as August 1st and they will bear a good crop. One quart will plant about 200 hills. One peck will plant an acre.

**Price**, any of the following pole beans, uniform:

Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.

Prices on larger quantities given on our Green Ink List.

**KENTUCKY WONDER or OLD HOMESTEAD.** The standard of Pole Beans. It has proven itself to be the most prolific and profitable of them all. In fact, if the green pods are kept picked it will bear until frost. Matures in about eight weeks.

**IDEAL MARKET.** A heavy yielding green pod pole bean that is earlier than Kentucky Wonder. Pods are long and should be picked when young as they are absolutely stringless at that stage.

**GOLDEN CLUSTER WAX.** Sweet, tasty, brittle, yellow pods that are entirely stringless, white seeded.

**KENTUCKY WONDER WAX.** Rich golden yellow flatpods, that are almost stringless, very fleshy.

**SCOTIA or STRIPED CORNFIELD.** Pods about six inches long, medium green, very tender, fine for growing in corn.

**RED SPECKLED CUTSHORT.** Very productive, pods medium length, round and fleshy. Can be used for planting in corn.

**MCCASLAN.** A fine variety for home or market, of fine flavor and quality. Pods 8 inches long, slightly flattened. The white beans are excellent as a shell bean.

**TENNESSEE WONDER.** Round, long, fleshy beans, very tender and prolific.

**WHITE CREASBACK.** Pods 5 inches long, produced in clusters; early productive, of fine quality.

**WHITE SEEDED KENTUCKY WONDER.** Rich green, very meaty, long straight pods and very productive.

## SPECIAL OFFER

7 10c size packets, any of these beans sent postpaid for 50c. 4 20c size, any of these beans sent postpaid for 55c.

## Pole Butter and Lima Beans

**Culture**—Plant in hills three to four feet apart each way, and two inches deep, allowing six seeds to each hill. When the plants are well established they should be thinned out to four.

**Price**, any of the following Lima beans, uniform:

Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.

Price on larger quantities given on our Green Ink List.

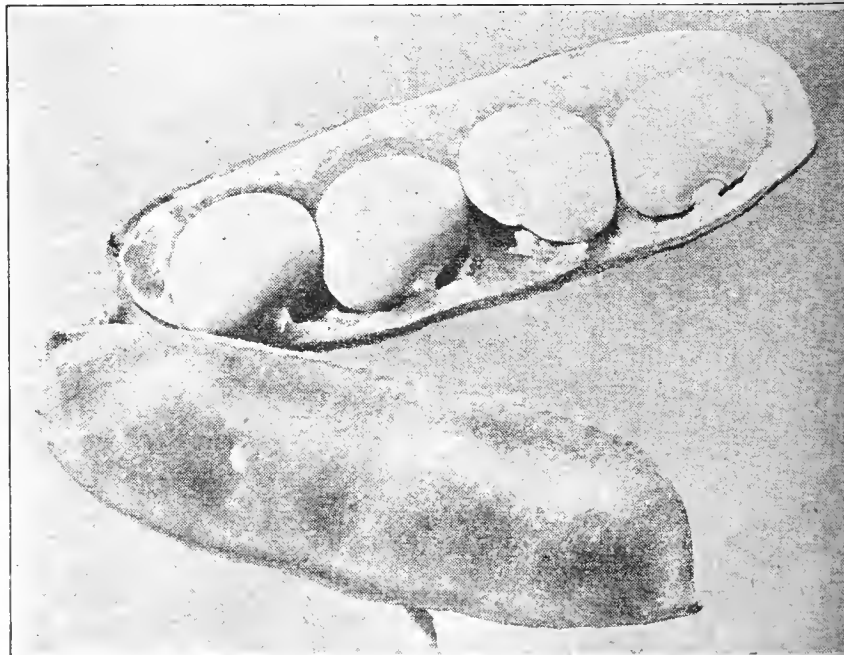
**CAROLINA SIEVA.** Pods are dark green, short, about three inches, curved, flat. Seed small, flat, white with slight tinge of yellow.

**FLORIDA or SPECKLED CALICO BUTTER.** The best variety for bearing the whole season. It will make an abundant crop when others fail. Seeds of the Carolina or Sieva Lima size but are speckled white and brownish red.

**KING OF THE GARDEN LIMA.** An old favorite variety, bearing large dark green pods, with four to five large beans of fine quality.

**LARGE WHITE LIMA.** Beans greenish white, large size, matures late. The most productive variety for this section.

**WILLOW LEAF LIMA.** Very productive, beans medium size, of fine flavor when young. The vine has open willow leaf foliage making crop easy to gather.



King of the Garden Lima

## Bush Butter or Lima Beans

**Culture**—Lima Beans for the home garden should be a continuous summer crop and sowings may be made from March to September. Plant one inch deep and six inches apart. Have drills 1½ to 2½ feet apart. One pound to 100 feet of drill.

Price any of the following varieties of Bush Butter Beans Uniform as follows: Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.

Prices on larger quantities given on our Green Ink List.

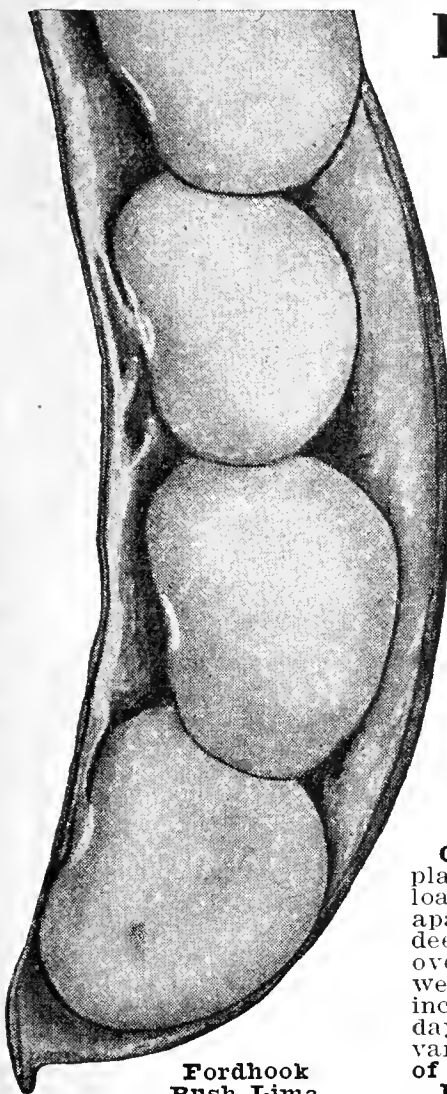
**HENDERSON BUSH LIMA.** The "Baby Lima." Ready in 60 days. Early, hardy vines produce pods 3 inches long containing 3 or 4 Beans.

**BURPEE'S IMPROVED BUSH LIMA.** Very large pods filled with immense size white beans that are delicious in flavor.

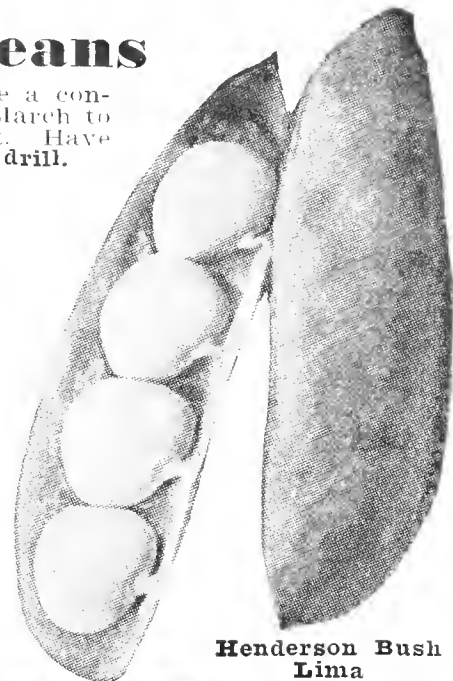
**FORDHOOK BUSH LIMA.** Beans oval, thick, light green, very tender and of rich flavor. Pods produced in clusters.

**NEVER-FAIL SPECKLED BUSH LIMA.** Very prolific. Even in driest hot weather they will produce large crops. Beans are speckled white and red, of medium size.

**WOOD'S PROLIFIC BUSH LIMA.** Bean is white, slightly larger than Henderson, and a very prolific bearer.



Fordhook Bush Lima



Henderson Bush Lima

## Superior Beet Seed

**Culture**—Beets should be planted in a deep, rich, sandy loam, sowing in rows 18 inches apart, sowing about ½ inch deep, pressing the soil firmly over the seed. When plants are well established, thin to 4 to 6 inches in the row. About 60 days in maturing, according to variety. One ounce to 50 feet of row.

Price of any of the following varieties of Beet seed: Postpaid, pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 55c. Prices on larger quantities given on our Green Ink List.

**CROSBY'S EGYPTIAN.** One of the most widely grown turnip-shaped Beets in cultivation today. Will produce Beets ready for pulling in 40 days. The smooth, dark red roots are topped with light green foliage, which is prominently speckled with dark red. The flesh is carmine, handsomely marked with white zones, very tender and of uniformly sweet quality.

**EARLY WONDER.** A variety which has gained wide popularity among market-gardeners, and one which the amateur may also grow with every confidence. It may be sown early, and it matures in 42 days. It is so uniform in growth that the crop can be lifted practically at one time, yielding the land early and quickly for the second crop. The root is nearly globular in shape, slightly flattened. The leaves are of medium size, and the color of the flesh is deep blood-red; sweet and free from strings.

**DETROIT DARK RED.** Extended experience has shown that this Beet comes nearer the ideal than any other, and where but one variety is used this should be the first choice. The round, dark red globe roots are uniformly smooth. The flesh of the very young Beets is almost black-red, turning to dark crimson with dark purple zones as the Beets grow larger. When cooked, the Beets are of an appetizing dark red and very sweet.

**EARLY BLOOD TURNIP.** A splendid variety, deep blood red skin, with rich red flesh, which is very tender.

**EDMAND'S BLOOD TURNIP.** Smooth, dark red. Sweet tender flesh.

**EARLY ECLIPSE.** An early globe-shaped variety of good quality, flesh zoned light red.

### SPECIAL OFFER

8—5c size packets of any above Beets postpaid for 25c.

7—10c 1 oz. packets of any above Beets postpaid for 50c.

## Stock Beets or Mangel Wurzels

**Culture**—Deep soil produces the largest crops. Sow in rows 18 inches to 2 feet apart, 1 inch deep, and when the plants are 3 to 4 inches high they should be thinned out 6 to 8 inches apart. Mangels make excellent feed for stock of all kinds.

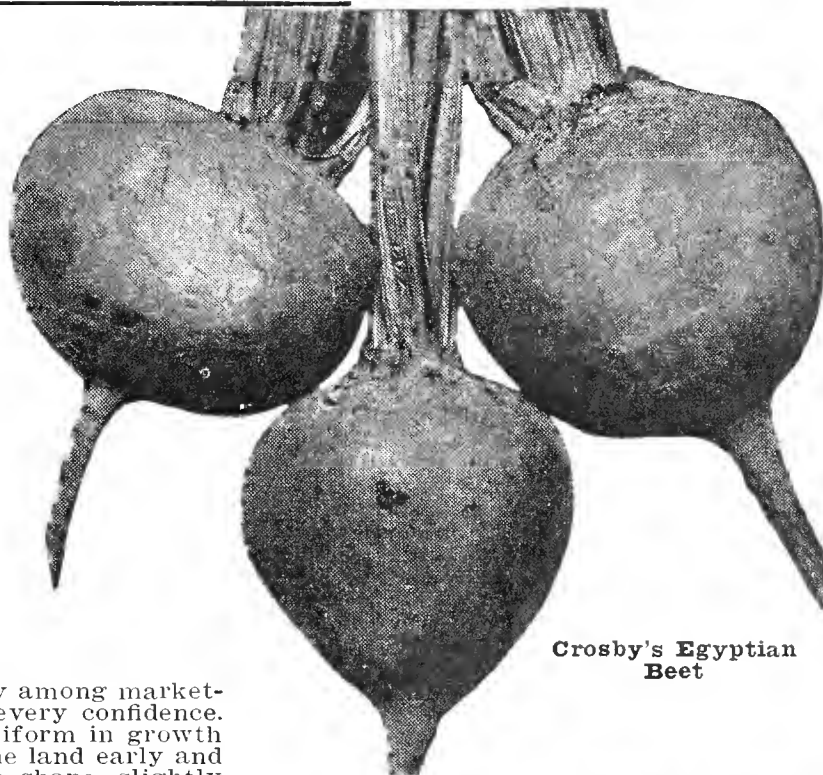
Prices of any of the following Stock Beets, postpaid, pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c.

**GIANT FEEDING SUGAR.** Desirable for stock feeding, being especially rich in sugar.

**GOLDEN TANKARD MANGEL.** Yields enormous crops; flesh deep orange-yellow; oblong in shape.

**MAMMOTH LONG RED MANGEL.** Grows to an enormous size in deep, rich soil.

Prices on larger quantities given on our Green Ink List.



Crosby's Egyptian Beet



Early Blood Turnip Beet



Golden Tankard Mangel



Brussels Sprouts

**BROCCOLI**

**Culture**—The seed should be sown and cared for in the same way as cabbage or cauliflower.

**GREEN SPROUTING CALABRESE.** An all seasons variety that comes into use about ninety days after planting. It is much less susceptible to weather changes than cauliflower and will produce heads in hot weather which would cause failure in cauliflower. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., 85c, postpaid.

**Brussels Sprouts**

**LONG ISLAND IMPROVED.** An erect growing plant whose stalk is closely covered with light green buds resembling small cabbages, which should be cooked in the same manner as cabbage or cauliflower. Seed may be sown early in April; later the plants may be set about 2 feet apart and cultivated like cabbage. Sow also in June for fall crop. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 65c, postpaid.

**CHINESE CABBAGE**

**Culture**—For spring crop sow seed in beds, transplant and cultivate the same as early cabbage. For fall crops sow seeds about 15th of June.

**Price either variety: Postpaid,** pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, postpaid.

**CHI-HI-LI.** Produces long slender very solid heads which are of delicious flavor.

**PE TSAI.** Heads rather broad. Fine for salads, slaw and greens.

**CARROTS**

**Culture**—Sow from February to September in light, deep, rich soil in drills 12 inches apart; plants should stand five inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill; four pounds to the acre.

**Prices uniform on the following 8 varieties of carrots: Postpaid, pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 85c.**

Chihili Chinese Cabbage

**Prices on larger quantities given on our Green Ink List.**

**EARLY SCARLET HORN.** Small stump rooted orange scarlet in color matures the earliest.

**DANVERS HALF LONG.** Rich, light orange color. Roots average 6 to 8 inches long, tapering to a blunt point.

**HALF-LONG SCARLET CHANTENAY.** Slightly tapered blunt-rooted variety, the earliest of the large Carrots.

**IMPERATOR.** Pure orange-scarlet in color with practically no core, sweet and tender.

**IMPROVED LONG ORANGE.** Roots 10 inches long rather broad at crown tapering to a point. Golden orange in color.

**OXHEART.** Short thick carrot 4½ inches long; thick at shoulder. Deep yellow, flesh sweet and tender.

**R. H. CO.'S CORELESS.** Smooth 5 to 6 inches in length, bright orange color; very tender and sweet.

**WINTER PERFECTION.** Color orange-red. Flesh sweet, tender and of fine flavor.

**CELERY**

**Culture**—Sow in beds in February or March and keep well watered. Transplant to list, mucky soil; six inches apart.

**We can supply the following standard varieties of Celery:**

**uniform prices viz.: Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 65c; ½ lb., \$1.00; 1 lb., \$1.75.**

**GRANT PASCAL.**

**WHITE PLUME.**

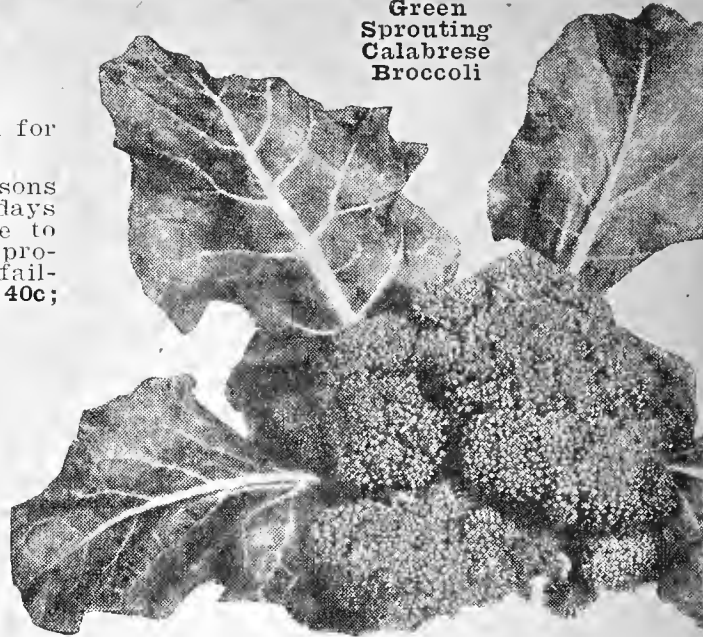
**GOLDEN SELF BLANCHING.**

**CELERIAC SMOOTH PRAGUE.**

**Miscellaneous**

	Pkt.	Oz.	¼ lb.
Cardoon Smooth White	\$0.05	\$0.25	\$0.70
Chicory, Witloof	.05	.25	.45
Chicory, Magdeburg	.05	.25	.45
Corn Salad, Large Leaved	.05	.15	.35
Chives Seed, Scittlauch	.05	.40	1.00
Cress, Curled	.05	.15	.30

Green Sprouting Calabrese Broccoli



**CAULIFLOWER**

**Culture**—Cultivate like cabbage. Sow in January or February for early crop; May or June for late. One ounce of seed makes 2,000 plants.

**Price of any of the 3 Standard varieties named below: Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00; 2 oz., \$1.75.**

**DRY WEATHER, EARLY SNOWBALL, EARLY SNOWDRIFT**

**COLLARDS**

**Culture**—One ounce of seed will produce about 2,000 plants. Sow in spring or summer.

**Price following 2 varieties: Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 50c, postpaid.**

**GEORGIA WHITE CABBAGE and SOUTHERN or GEORGIA**

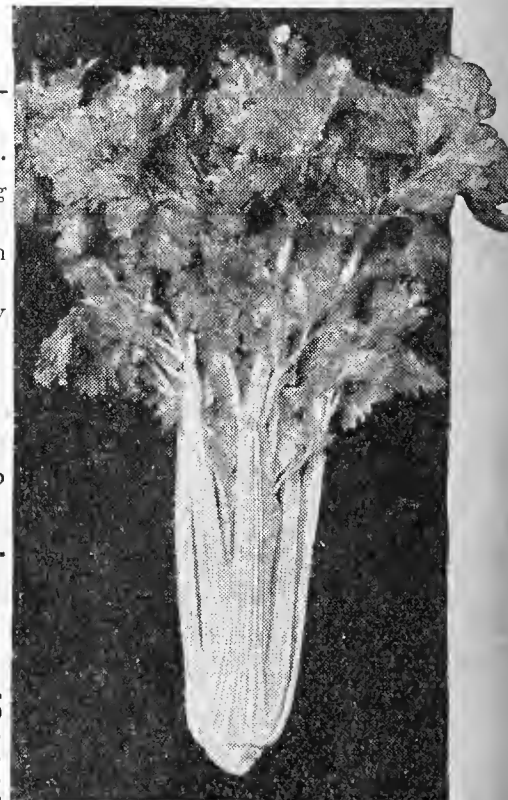
**Special Offer**

For 25c select any 8—5c packets of Carrot seed.

For 50c select any 5—15c packets of Carrot seed.



Half-Long Scarlet Chantenay Carrot



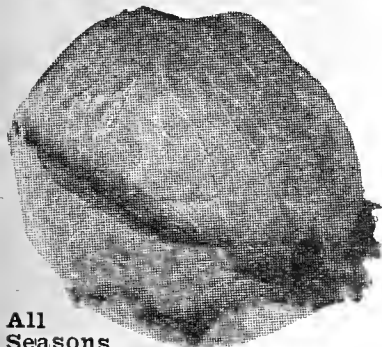
Giant Pascal Celery

# Cabbage

**Culture**—Cabbage succeeds best on well-drained soil. The plants are started in frame or seed bed, and afterwards transplanted. Seed for early cabbages may be started in autumn in a cold frame, or in early spring in a hotbed. For main crop, summer and autumn cabbage, the seed should be sown in a rich border in the open air, in May. Sow shallow; a packet will produce about 250 plants; an ounce 2,000 plants; ¼ pound for an acre. Set plants 1½ by 3 feet.

**STANDARD VARIETIES.** Price uniform as follows: Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; ½ lb., 65c; 1 lb., \$1.00, postpaid.

**Prices on larger quantities given on our Green Ink List**

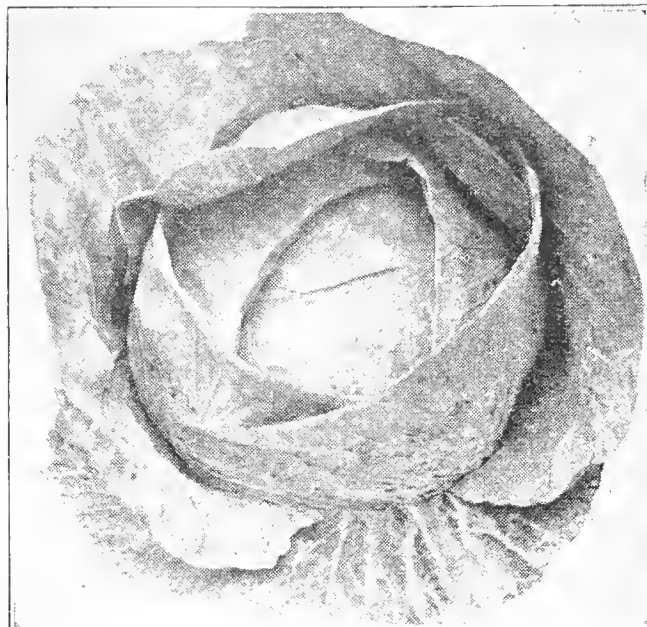


All Seasons

**ALL HEAD EARLY.** Very early flat head, solid and of fine texture, a dependable variety.

**ALL SEASONS.** Large flattish round heads. A splendid variety for fall use. Heads weigh about 10 pounds.

**CHARLESTON LARGE WAKEFIELD.** Ripens 8 days later than Early Jersey Wakefield and heads are larger. The pointed heads are broad, firm and solid. Excellent variety to follow the Early Jersey.



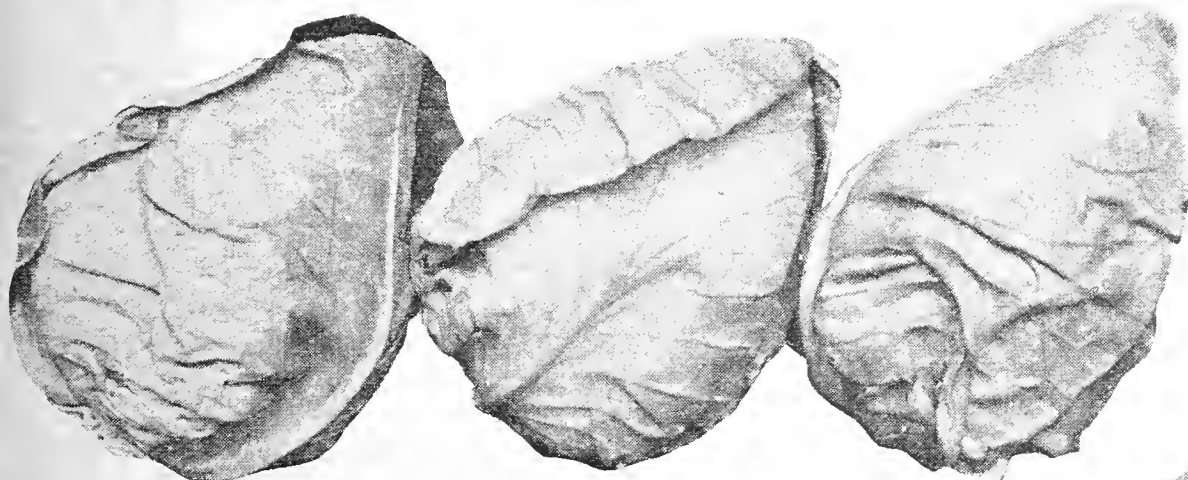
All Head Early

## 2 Extra Good Varieties

Postpaid: Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; ½ lb., 75c; 1 lb., \$1.10, postpaid.

**COPENHAGEN MARKET.** Forms a perfect tight folding head in about 66 days. A splendid variety for early market of fine quality.

**GOLDEN ACRE.** Makes small and compact heads, round in shape, weighing about 3 pounds and will measure 6 inches in diameter. Ready for cutting 4 days earlier than Copenhagen Market.



Charleston Large Wakefield

**DANISH BALL HEAD.** We have both the round head summer and the short stem type of this excellent variety. Both fine for market or home use. Produce firm white heads excellent for kraut.

**EARLY DRUMHEAD.** An old favorite medium size heads that mature in about 100 days. One of the best of the second early sorts.

**EARLY DWARF FLAT DUTCH.** A dependable second early variety. Makes a solid, firm head which will remain in good condition longer than most other sorts.

**EARLY JERSEY WAKEFIELD.** 62 days. Extremely early, heads firm, conical. Will weigh about 2½ pounds. Valuable for early market.

**EARLY SUMMER.** A fine early sort for market or home use. Matures in about 80 days. The solid flat heads are firm, of good size and quality.

**GLORY OF ENKHUIZEN.** Excellent, medium early. Heads large, round, solid. One of the most uniform desirable varieties.

**LARGE LATE DRUMHEAD.** One of the largest, forms solid perfect shaped heads in about 110 days. Stands heat well.

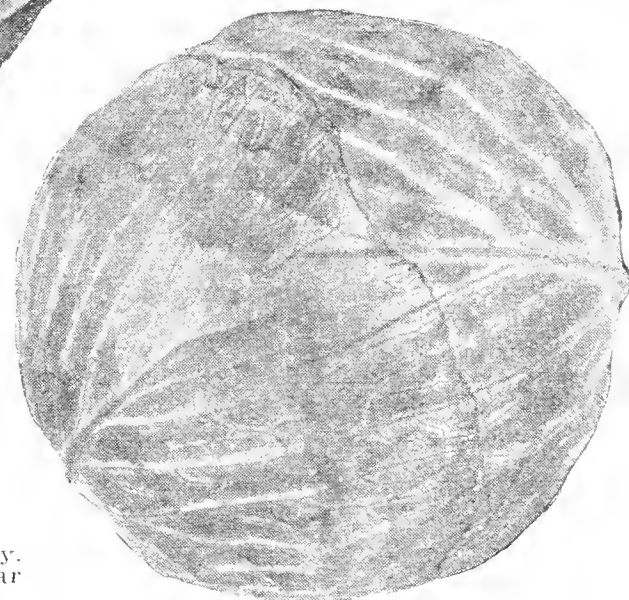
**LARGE DRUMHEAD SAVOY.** The best and largest heading of the Savoy. Few people seem to know the delicious flavor of Savoy Cabbage. It is far superior to the flat-leaved sorts, and as tender as cauliflower after frost.

**LARGE LATE FLAT DUTCH.** Heads large and solid with but few outer leaves. Matures in about 115 days.

**MAMMOTH RED ROCK.** The largest and hardest heading red Cabbage in cultivation.

**SUCCESSION.** A sure cropper, heads flattened. Medium to large size. Firm and solid. Size of heads 10 inches across and 8 inches deep. Will weigh about 12 pounds. They grow very uniform in shape and size.

**SUREHEAD.** Certain to head, drought resisting, one of the best keepers, flat heads. Will average 10 to 15 pounds.



Copenhagen Market



Golden Acre

## Frost-Proof Cabbage Plants

Varieties. **JERSEY WAKEFIELD, CHARLESTON WAKEFIELD, COPENHAGEN MARKET, and EARLY FLAT DUTCH.**

No order filled for less than 100 of a variety. We do not ship any plants C. O. D. Our terms are cash with order.

Prices: Parcel post paid, 100, 35c; 500, \$1.15; 1000, \$1.85.

Not prepaid, by express from Memphis, 500, \$1.00; 1000, \$1.50.

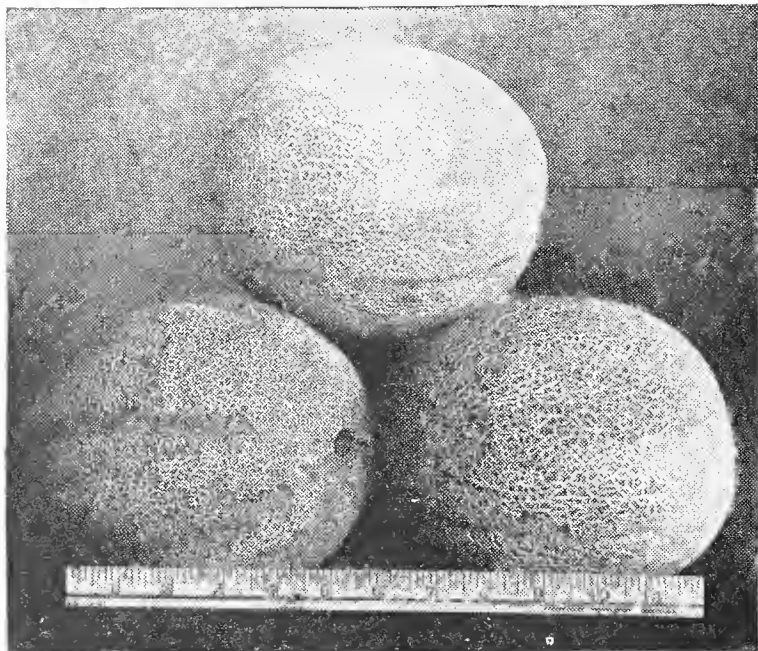
Prices F. O. B. growing station, express collect: 1000, \$1.25; 5000, \$5.00.

Subject to crop conditions.

**Special Offer on the Above 15 Standard Cabbages**

7—5c size packets above varieties sent postpaid for 25c.

7—20c size packets sent postpaid for above varieties \$1.00.



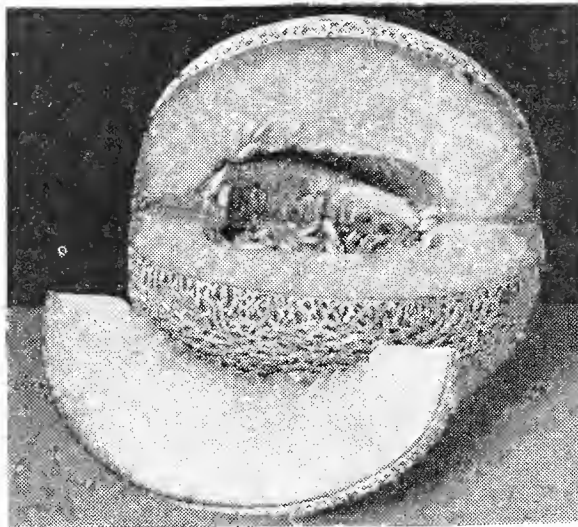
Hales Best

**MAMMOTH ROCKY FORD.** The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market.

**PINK MEAT ROCKY FORD.** A salmon tinted Rocky Ford, being identical in every way except color of flesh, which is a light salmon in color at the center, shading into a light green midway to the rind. It is rapidly superseding the green fleshed variety in the large melon growing districts of the South and West.

**ROCKY FORD.** We have an especially fine, improved strain of this popular melon as now grown at Rocky Ford. The fruit is small, almost round, smooth, showing no ribs, and densely covered with a heavy, hard gray netting; flesh thick and deep green, showing a faint lining of pink or gold at the center; of the highest quality. An excellent shipping sort.

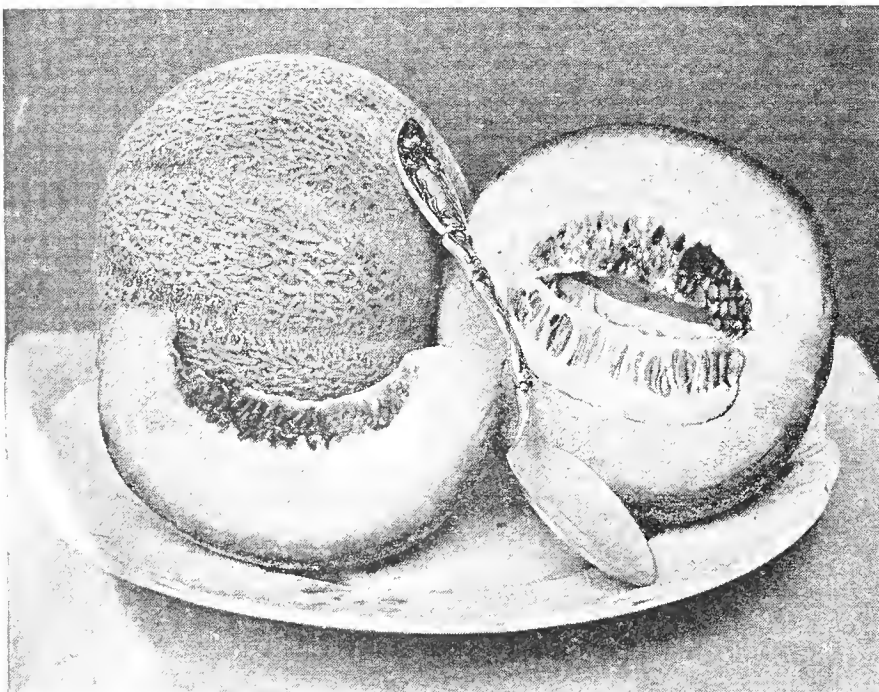
**SUGAR OR HONEY ROCK.** Absolutely distinct and very superior melon, the result of years of most careful and painstaking selection and breeding. Of that desirable size in demand in all markets, round, inclined to oval in shape, heavy in proportion to size because the flesh is deep. Distinctly ribbed and well netted—color of skin gray-green. The firm flesh is an attractive green of exquisite texture, sugary, juicy, tender, and free from stringiness.



Rocky Ford

### SPECIAL OFFER

For 25c select any 7 5c pkts. of Cantaloupe Seed.  
For 50c select any 5 15 pkts. of Cantaloupe Seed.



Superfecto Cantaloupe

## CANTALOUPE or MUSKMELON

**CULTURE**—Plant in hills 5 feet apart in light, rich soil, well manured; 10 seeds to hill; thin to 4 plants. Cultivate well. Pinch off ends of vine as they begin to blossom, which will increase the yield. One ounce to 50 hills. For borers or worms, spray as soon as blossoms appear with Arsenate of Lead Bordeaux Mixture, and add Black Leaf 40.

Prices on each of the following varieties of Cantaloupe seed, uniform, as follows: Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 85c, postpaid.

Prices on larger quantities given on our Green Ink List.

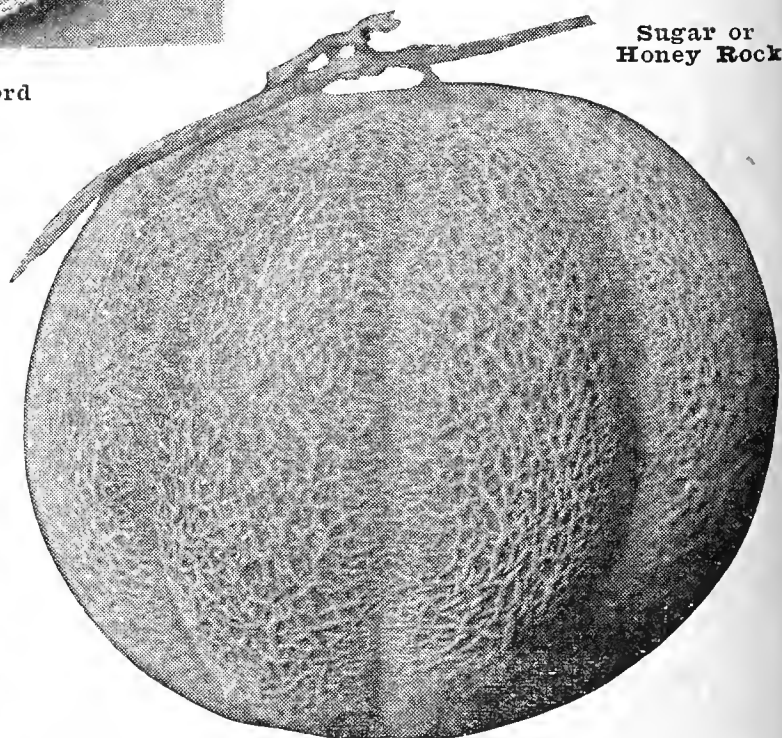
**BANANA.** A splendid family Melon, grows to good size and from one to two feet long, ripens in about 85 days, of extra fine flavor.

**HALE'S BEST.** This is a new variety and originated in the Imperial Valley in California. It is a remarkably early melon of very fine flavor. The salmon flesh is exceptionally thick with very small seed cavity. The fruits are oval, about 8 by 4½ inches, with a heavy netting and ribs hardly apparent. Hale's Best will be of real value as an early shipping melon.

**HEARTS OF GOLD.** A new orange-fleshed variety. Fruit of medium and very uniform size. Netting exceptionally fine and dense, extending practically over the entire surface. Flesh thick, firm, highly colored, of fine texture and delicious flavor.

**HONEY DEW.** A splendid variety; rind dull white when ripe. The flesh is a rich green, very sweet and delicious flavor.

**LAKE CHAMPLAIN.** The flesh is a rich golden color, free from stringiness, fine-grained, melting, juicy, sweet delicious flavor clear to the rind.



Sugar or Honey Rock

**SUPERFECTO CANTALOUPE.** This new melon of the Rocky Ford type is the sweetest and most luscious of the salmon flesh varieties. It has deep yellow flesh which is soft and exceedingly sweet.

**TIP TOP NUTMEG.** Good for early or late, having a sweet, juicy, fine flavor, solid flesh, good to the outside coating. The melons are of large size, nearly round, evenly ribbed.

Our Green Ink List gives special prices on large quantities of garden seed. Write us for it.

### Pulverized Sheep Manure

A single bag equivalent to whole wagon load of stable manure. Easy to handle, clean, every weed seed killed. Absolutely the best fertilizer for flowers, vegetables, fruits, shrubs, grass and field crops. Far superior to chemical stimulant because it is a natural fertilizer supplying BOTH plant food and humus. Price: 25 lbs., 75c; 50 lbs., \$1.10; 100 lbs., \$1.75.



# Garden and Sugar Corns

**Culture**—For early market, plant the garden varieties latter part of March. Sugar Corn should not be planted until April, then at intervals of two weeks for a succession. Sugar and Garden Corns planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre. Treat seeds with Semesan, Jr.

## GARDEN CORNS

Prices on the following 7 varieties of Garden Corn uniform:

Postpaid, ½ lb., 15c; 1b., 25c; 2 lbs., 35c.

Not prepaid, ½ lb., 10c; 1b., 20c; 2 lbs., 25c.

Prices on Larger Quantities Given on Our Green Ink List.

**EXTRA EARLY ADAMS.** Not a Sugar Corn, but is grown for early use. Ears short.

**EARLY LARGE ADAMS.** About a week later than Extra Early; has larger ears.

**EARLY TABLE.** This corn is positively one of the earliest of the very large-eared Garden Corns ears measure 10 to 12 inches. It matures in about 65 days. In color the ears are pure white; very luscious, tender and palatable.

**EARLY SNOW FLAKE.** Large size, very early; a fine corn for early roasting ears; also makes an excellent field variety, as it matures in 80 to 85 days.

**IMPROVED ADAMS.** A fine variety, slightly larger than Early Adams. One week later.

**R.-H. CO'S EARLY SURPRISE.** A splendid corn, coming in directly after Adams Early, but much larger. Has a white, soft grain. Our stock of Early Surprise Corn is right and from the Originators. Be careful and buy only the genuine.

**TUCKER'S FAVORITE.** For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort.

## SUGAR CORNS

Prices on the following 7 varieties of Sugar Corn uniform:

Postpaid: Pkt., 10c; ½ lb., 20c; 1b., 30c; 2 lbs., 45c.

Not prepaid: Pkt., 10c; ½ lb., 15c; 1b., 25c; 2 lbs., 35c.

**BORDEN'S WONDER BANTAM SWEET.** A selection from Golden Bantam, being larger and superior in every way.

**COUNTRY GENTLEMAN.** Small cob; long, slender, white grains, which are very sweet.

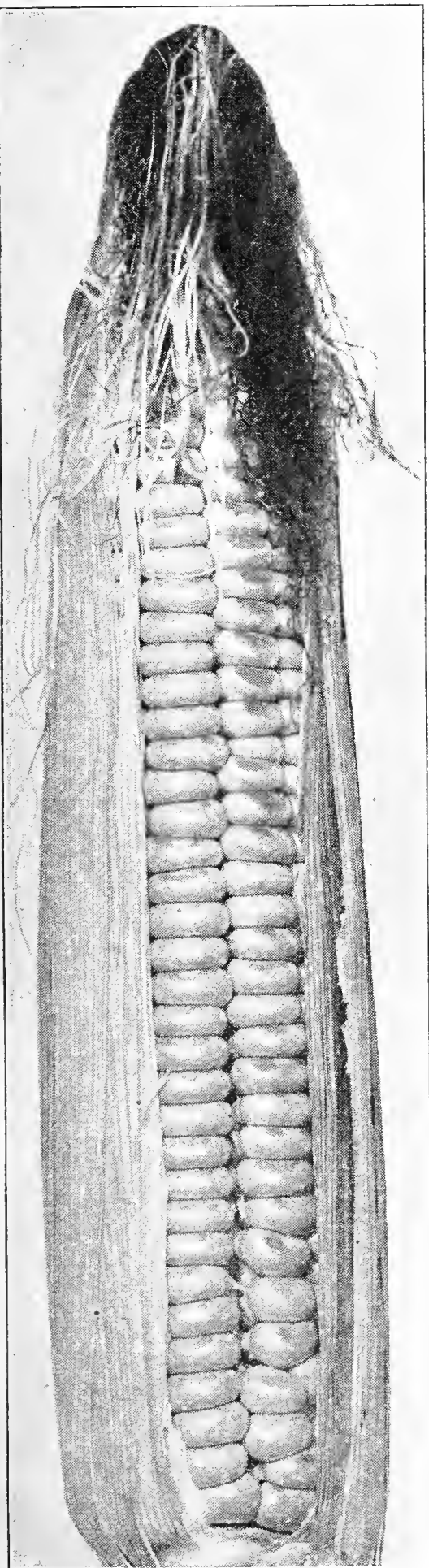
**GOLDEN BANTAM.** Extra early, sweet, tender and delicious. The stalks grow to a height of four feet, and can be planted close together in the row. They bear two or three good small ears to the stalk.

**HOWLING MOB.** One of the finest second early, large-eared sorts; ears 9 to 10 inches long.

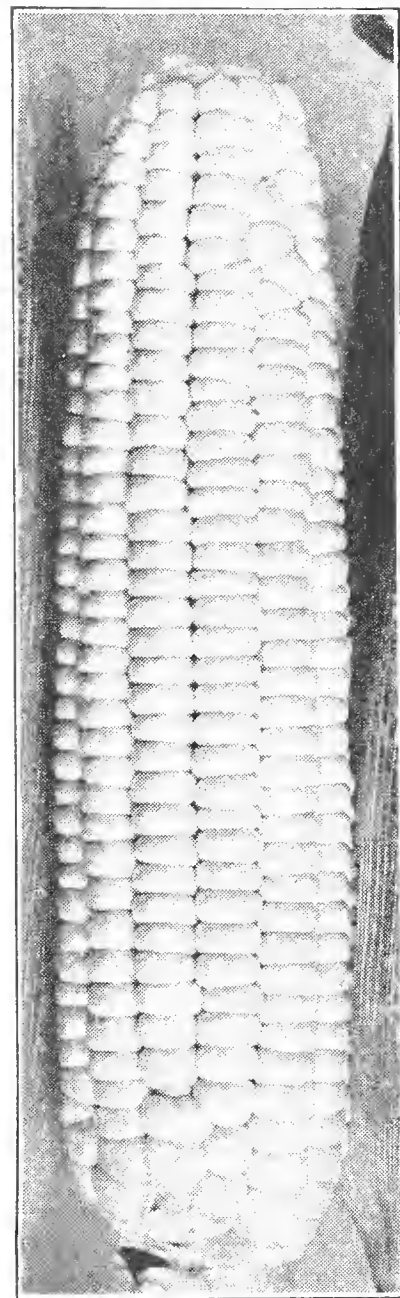
**MAMMOTH SUGAR.** The Mammoth ears are thick through, with many rows of large grains of excellent quality.

**STOWELL'S EVERGREEN.** The standard and best known Sweet Corn. Ears 8 to 9 inches long, 16 to 18-rowed, with deep, sweet grain.

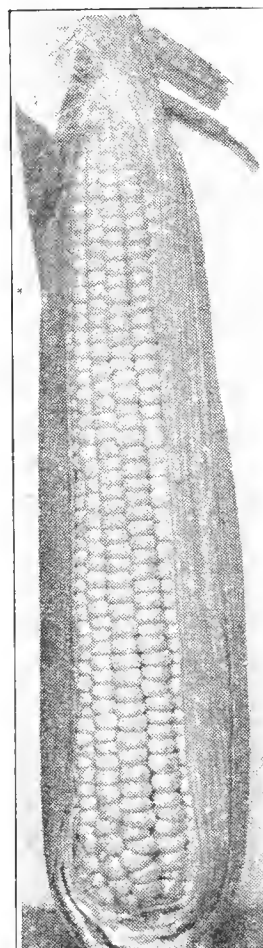
**WHIPPELL'S EARLY YELLOW.** An extra early yellow Sugar Corn. Larger and earlier than Golden Bantam. Stalks grow 5 to 6 feet, and many produce two large ears. Kernels bright yellow, tender, sweet and finest quality. Whippell's Early Yellow Sugar Corn is ready for the table in about seven weeks.



Golden Bantam



Early Table



Stowell's Evergreen

**Special Offer**  
on Any of the Garden and Sugar Corns on this page  
**For 25c**  
Select any 4—10c packets postpaid.  
**For 50c**  
Select any 4—15c packets postpaid.

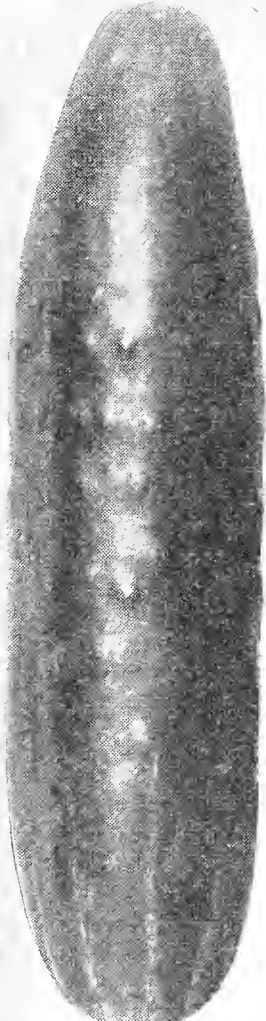
**Treat Garden Corn With**



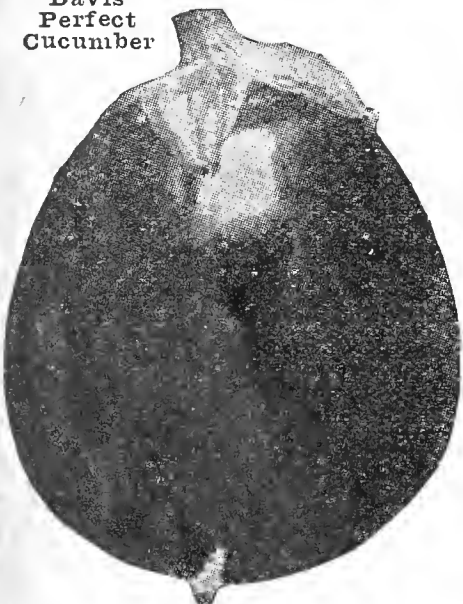
Permits earlier planting, gives better germination, better stands, therefore, larger yields.

Ask for circular. 4-oz. pkg., treats 1 bu-hel, 35c; 1-lb. pkg., \$1.00. Postpaid, 45c and \$1.10.

# CUCUMBERS



Davis Perfect Cucumber



Prices on the following Cucumbers, each variety uniform, viz.: Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.00, postpaid.  
 Prices on large quantities quoted on our Green Ink List.

**BLACK DIAMOND.** Attractive with a rich dark green color, straight long green in shape.

**BOSTON PICKLE.** One of the standard pickling varieties, produces fruits in from 47 to 50 days.

**CHICAGO PICKLE.** Has small deep green fruit, tapering at each end, very prolific, none better for pickle.

**DAVIS PERFECT.** Their handsome shape and fine dark green color command the highest price on the market.

**EARLY FORTUNE.** One of the best selections of the white spine type; is becoming very popular among the market men of the South.

**EARLY GREEN CLUSTER.** Fruits of short, chunky form, light green color; desirable for pickling. Extra prolific, frequently setting in clusters of 2 and 3. Ready for use in about 50 days.

**EVERBEARING.** Fruits small, densely covered with black spines. If kept picked will bear for a long time. Ready for use in about 48 to 50 days.

## EGGPLANT

**Culture**—Sow in February or March. When 2 inches high transplant in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants.

Prices on any of the following 3 varieties of Eggplant: Packet, 5c; ½ oz., 30c; oz., 50c; 2 oz., 75c; ¼ lb., \$1.25; ½ lb., \$2.25; 1 lb., \$4.00, postpaid.

**BLACK BEAUTY.** This is the earliest and best of all large fruited Eggplants. Fruits are thick and of the most attractive form. The skin is a rich lustrous purplish black.

**FLORIDA HIGH BUSH.** Of upright growth, dark black in color; stands hot weather well.

**NEW YORK IMPROVED PURPLE.** The old standard variety.

**SPECIAL OFFER**

Select any 7-5c packets of Garden Seed on this page for 25c, postpaid.

## Garlic

Plant in spring or fall in rows, cultivate and harvest same as onions. Postpaid, ½ lb., 25c; 1 lb., 35c. Not postpaid, ½ lb., 15c; 1 lb., 25c.

## Kohlrabi

**Black Beauty Eggplant**—the ground can be worked in the spring, thinning out to stand 5 to 6 inches in the row. For fall use, plant in August or early September.

**Culture**—Sow in drills as early as possible. For fall use, plant in August or early September.

**EARLY WHITE VIENNA.** This is the best and earliest variety for table use. Postpaid, pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.60.

## Gourds

Plant in April, as soon as ground is warm. Prices postpaid.

<b>DIPPER GOURD</b> .....	Pkt., 5c; oz., 20c
<b>DISH RAG GOURD</b> .....	Pkt., 5c; oz., 25c
<b>JAPANESE EGG GOURD</b> .....	Pkt., 5c; oz., 20c
<b>SUGAR TROUGH GOURD</b> .....	Pkt., 5c; oz., 25c
<b>TURKS TURBAN GOURD</b> .....	Pkt., 10c; oz., 35c

## Herb Seeds

Prices Postpaid

	Pkt.	Oz.
<b>ASPARAGUS MARY WASHINGTON</b> .....	\$0.05	\$0.10
<b>BASIL, Sweet</b> —For flavoring soups .....	.10	.50
<b>FINOCCHIO, Italian Fennel.</b> Easily grown .....	.10	.15
<b>LAVENDER</b> —Used for its odor .....	.10	.60
<b>MARJORAM, Sweet</b> —Used in seasoning .....	.10	.50
<b>ROSEMARY</b> —For seasoning meats and soups .....	.10	.75
<b>SAVORY, Summer</b> —Used as a culinary herb .....	.10	.35
<b>SAGE, Broad Leaved</b> —A popular plant .....	.10	.35
<b>THYME, English</b> —Much used for seasoning .....	.10	.60

**Culture**—For very early crop, plant in hot-beds; for later crop, plant from April to July in rich, well-manured hills, 4 feet apart, 10 seeds in hill; thin to two or three plants. One ounce to 50 hills.

**GHERKIN.** A very small oval prickly sort, distinct from all others. It is grown for pickles only and must be used when young.

**IMPROVED LONG GREEN.** The fruits are very long and of beautiful dark green color.

**IMPROVED EARLY WHITE SPINE.** An extra early, white spine strain. Fruit averages from 8 to 10 inches long.

**JAPANESE CLIMBING.** Of trailing or climbing habit, very prolific, crisp and of fine flavor; fruits rich green with black spines.

**LONGFELLOW.** Fruits 8 to 10 inches long, cylindrical in shape, and a fine glossy green in color.

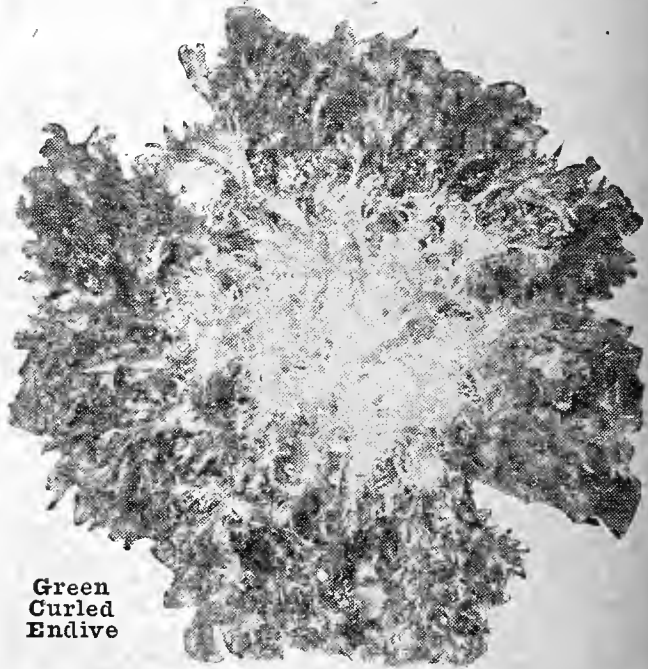
**STAY GREEN.** 60 days. A splendid variety, 7 to 8 in. long, 2½ in. thick. Glossy dark green, white spined, cylindrical.

**DILL SEED.** The stems are fine for making Dill pickles, easily grown. Postpaid, pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c.

## Dandelion

Sow in March in drills 18 inches apart, thin to 5 inches and cultivate well. **Improved Thick Leaved** of deep green color with thick leaves. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50, postpaid.

## Endive



Green Curled Endive

**Culture**—One ounce will sow 200 feet of drill. Sow about the middle of April, and for succession in June and July, 1 foot apart. When nearly full grown, and before they are fit for the table, they should be blanched by tying the leaves loosely together.

Prices on the two varieties of Endive named below as follows: Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; ½ lb., 80c; 1 lb., \$1.25, postpaid.

**LARGE GREEN CURLED.** The hardest variety; beautifully curled.

**BROAD-LEAVED BATAVIAN.** (Escarolle.) Leaves long and broad, thick and succulent. One of the choicest salads.

## Kale

**Culture**—Sow from 2 to 3 pounds to the acre, 1 ounce to 200 feet of drill. Sow in March or September in drills or broadcast.

Prices on any of the 3 varieties of Kale given below as follows: Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 45c, postpaid.

**DWARF GREEN CURLED SIBERIAN.** Leaves curled. The best variety for fall sowing. Stands all winter.

**DWARF GREEN CURLED SCOTCH.** Leaves very curly. Rich, green, tender and delicate in flavor.

**TALL GREEN CURLED SCOTCH.** A beautiful curled variety. Fine for spring planting.

## Horseradish Roots

Large, strong cuttings. Postpaid, doz., 35c; 50, \$1.10; 100, \$2.00. Not postpaid, doz., 30c; 50, \$1.00; 100, \$1.75.

# Lettuce

**Culture**—One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every 2 or 3 weeks for succession.

**Prices on all of the following Lettuce uniform:** Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., 90c, postpaid.

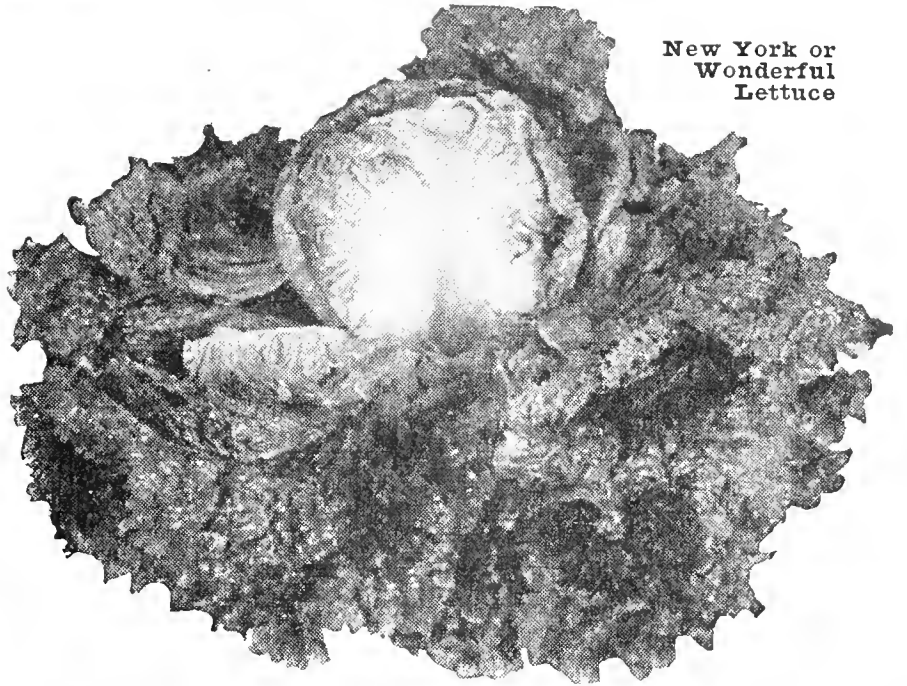
**Prices on larger quantities given on our Green Ink List.**

**BLACK-SEEDED SIMPSON.** One of the best, either for forcing under glass or for open ground culture. It forms large, thin, loose leaves of light green color, very tender, crisp and of fine quality. A fine sort for summer, as it withstands the heat; also for home garden.

**BIG BOSTON.** Our strain is reselected, sure to head, and produces solid heads of large size, often 10 to 12 inches across which are slow to go to seed. The leaves are thin, hard and crisp, comparatively smooth but wavy at the edges, and are of bright light green color, slightly tinged with reddish brown. The inner head blanches to an attractive greenish white.

**CALIFORNIA CREAM BUTTER.** Dark green, round, thick leaves forming a very solid round head which stands a long time without running to seed. Outer leaves spotted brown, inner ones blanched to a rich yellow. Exceedingly rich, buttery, sweet and nutty in flavor.

**CHICKEN LETTUCE.** Your poultry needs "green" food and this variety of Lettuce is just the thing you will want to grow for this purpose. It is a genuine Lettuce which will yield as much or more chicken or rabbit feed than any plant you may have used for "greens." When once cut it starts to grow again and makes a successive crop. The largest plant of Lettuce in cultivation.



New York or Wonderful Lettuce

**NEW YORK OR WONDERFUL.** A grand Head Lettuce sometimes called California and Los Angeles; furnishes fine, crisp lettuce during the hot summer months. This is one of the largest varieties grown, producing heads more than 15 inches in diameter and weighing more than 2 pounds each. The outer color is rich dark green, but the heart blanches beautifully and is crisp, tender and delicious.

**COS OR ROMAINE.** Forms large light green, well-folded heads of upright growth and popular for its crispness and mild flavor.

**EARLY CURLED SIMPSON.** The standard loose-headed variety. Earlier than the heading sorts.

**GRAND RAPIDS.** 45 days. Black seed. One of the most popular non-heading varieties. Curled, crisp, light green leaves are especially tender and sweet. Early, disease resistant.

**IMPROVED HANSON.** Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. Has superior qualities for resisting drought and heat.

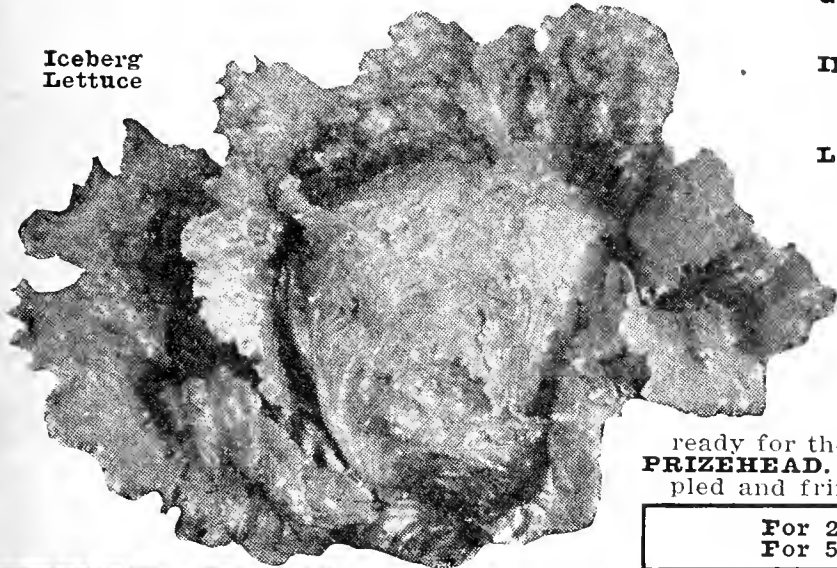
**LARGE WHITE CABBAGE.** Forms a compact head; has no core, but a tender, golden heart. It resists the cold, withstands the summer heat, always has a crisp, mild flavor, when open it becomes a table ornament.

**MIGNONETTE.** Small, solid heading; never fails. The flavor is fine and the leaves crisp.

**NEW ICEBERG.** A Winner for the Home Garden. A beautiful and easily grown Lettuce of the crisp-head type. One of the very best summer-growing varieties. The leaves are wavy with fringed edges, tinged at margins with brown. Makes a firm, hard head, with strong, incurving ribs, blanching the heart leaves to a creamy whiteness. The quality is very good, sweet and exceedingly crisp. It is ready for the table in 55 to 60 days.

**PRIZEHEAD.** Very popular, large, loose-heading sort. Leaves finely crumpled and fringed, outer ones shaded brown; very crisp, sweet and tender.

For 25c select any 7—5c packets of Above Lettuce seed.  
For 50c select any 4—15c packets of above Lettuce seed.



Iceberg Lettuce

# Mustard

**Prices on the following Varieties of Mustard Seed uniform:** Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 40c, postpaid.

**Prices on larger quantities given on our Green Ink List.**

**CHINESE MAMMOTH.** An excellent sort with very large, light green, plain smooth leaves.

**FLORIDA BROAD LEAF.** Produces large, light green, broad smooth leaves well above the ground.

**OSTRICH PLUME.** Plants vigorous; leaves dark green, which curve outward like a fine ostrich plume.

For 25c select any 7—5c size packets of above varieties of Mustard  
For 50c select any 7—10c size packets of above varieties of Mustard.

**Culture**—Sow from February to April or September and October; broadcast or in drills, six inches apart. Cut when about three inches high. One ounce seed to 80 feet drilled; six pounds to acre broadcast.

**ELEPHANT EAR.** Leaves smooth, broad and tender at all times.

**FORDHOOK FANCY.** The vigorous-growing plants have beautiful, dark green, curled leaves.

**GIANT SOUTHERN CURLED.** Large variety, forming a great mass of beautiful leaves, which are ruffled and finely curled on the edges. Hardy, vigorous, highly recommended.

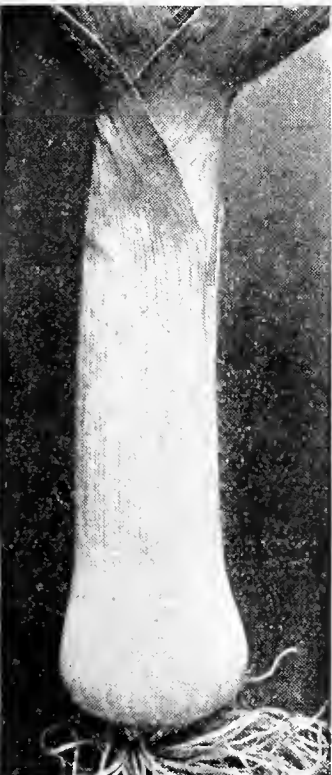


Giant Southern Curled Mustard

# Leek

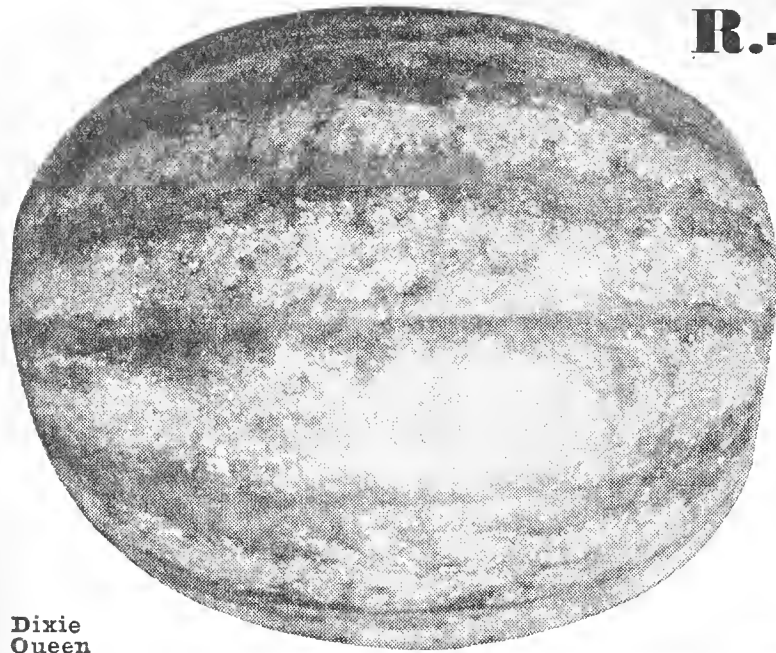
**Culture:** Sow early in spring in drills 12 to 15 inches apart, covering one-half inch deep. Thin plants to 6 inches apart in row and draw the earth about them when cultivating.

**LONDON FLAG.** This well known broad leaved leek is hardy, productive, of good quality. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.60, postpaid.



London Flag Leek

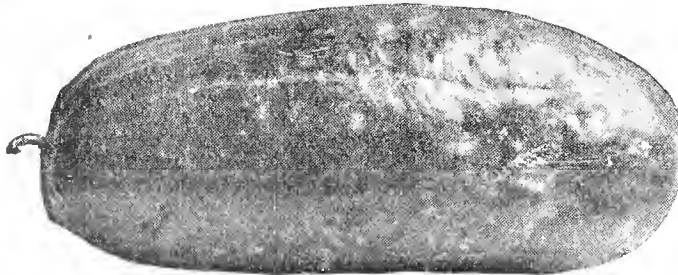
# R.-H. CO.'S WATERMELONS



Dixie Queen

**DIXIE QUEEN.** This new variety is one of the best shipping watermelons, a real money maker on account of its heavy yielding qualities. In shape it is oval to long, rind rich green. Flesh deep red which is sweet, melting, tender, juicy and sparkling, entirely free from stringiness. **Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.25, postpaid.**

**SCHLOCHLER.** One of the biggest Melons. They will average 40 lbs. each. The fruit is very dark green with an indistinct stripe and is very uniform in shape. Flesh bright red, sweet and crisp. **Pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 30c; ½ lb., 50c; lb., 70c, postpaid.**



Kleckley's Sweet

**Culture**—One ounce to forty hills; 3 or 4 pounds to the acre. Drop seed in well manured hills 6 to 8 feet apart, 6 to 10 seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section.

**Prices on large quantities quoted on our Green Ink List**

**R. H. CO.'S GIANT TOM WATSON.** This is a special stock of cut Red Watson from Hope, Arkansas. The home of good melons. Fruit about 30 inches long and will average 40 to 50 lbs. in weight, flesh blood red, all the way through without any white or hard core. **Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.50, postpaid.**

**GOLDEN HONEY.** Oblong in shape, weight about 20 lbs. Rind is dark green with darker green stripes. Flesh is bright golden color and of excellent flavor. **Pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 30c; ½ lb., 50c; lb., 70c, postpaid.**

**STONE MOUNTAIN.** A very large, medium green, round melon of excellent quality. Flesh highly colored, very solid, with fewer seeds than most watermelons. Fruits frequently attain a weight of 40 to 50 pounds. The rind is tough enough to stand handling for nearby markets. **Pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 30c; ½ lb., 50c; lb., 70c, postpaid.**

**SPECIAL STONE MOUNTAIN.** A selected stock of this most excellent melon, that will make still better and larger melons. All seed is saved from only the most perfect specimens. **Pkt., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; ½ lb., 80c; lb., \$1.25.**

**SPECIAL KLECKLEY'S SWEETS.** A new and improved type produces uniformly large green melons of the finest quality and appearance. **Pkt., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; ½ lb., 70c; 1 lb., \$1.10, postpaid.**

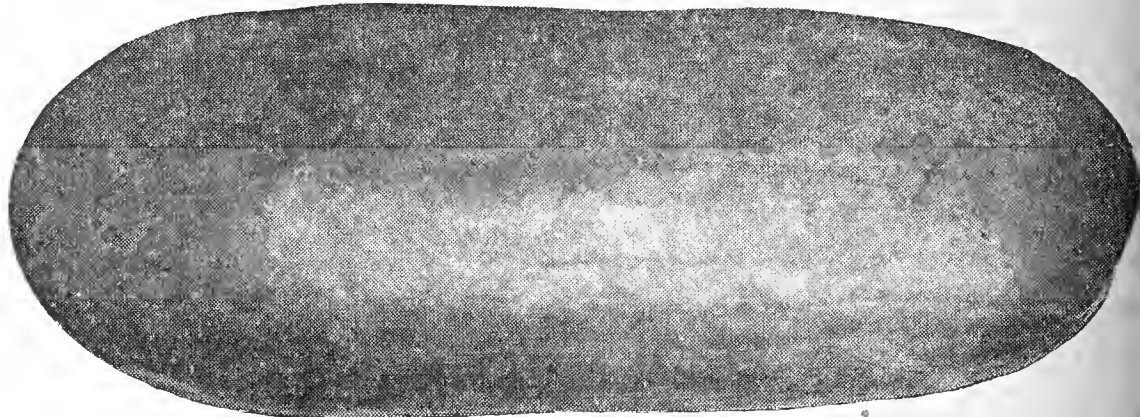
**EXTRA TOM WATSON.** This seed is saved from the largest and most perfect melons by our grower in Florida. The flesh is rich red, solid, sweet and luscious and ripens up close to the rind. **Pkt., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; ½ lb., 70c; 1 lb., \$1.10, postpaid.**

**Special Offer**

For **25c** select any 7—5c size packets of these Watermelons.

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For **50c** select any 7—10c size packets of these Watermelons.



R. H. Co.'s Giant Tom Watson

**Price any of the following 7 Standard Watermelons, viz:**

**Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c, postpaid.**

**EXCEL.** The Excel is a large, long green Melon, often weighing 50 to 60 pounds, a fine shipping variety; flesh deep red and ripened well out to the rind. Color of rind deep green and occasionally deep green stripes.

**GEORGIA RATTLESNAKE.** The fruits are very long, of a light green color, distinctly striped with a darker shade. The flesh is bright scarlet, tender and sweet.

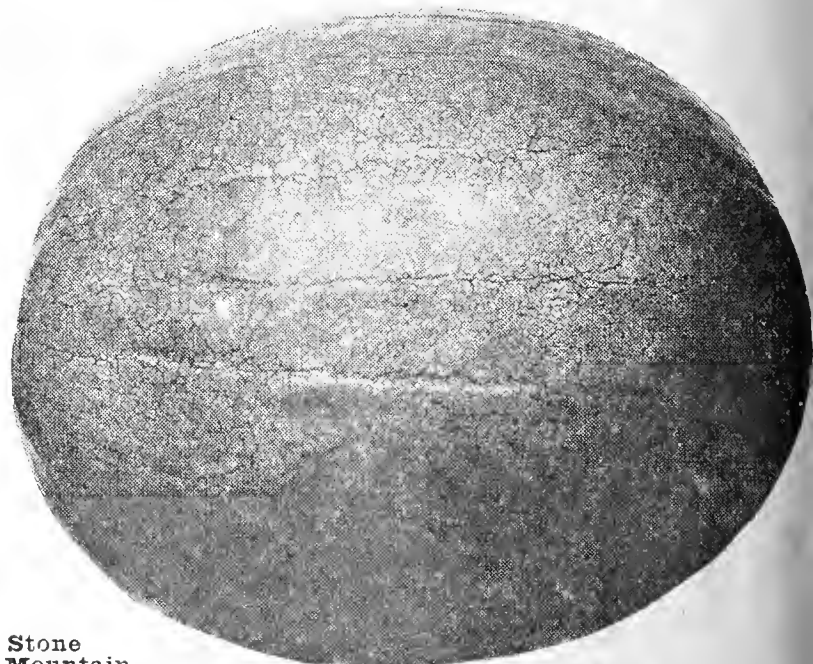
**KLECKLEY'S SWEET.** Of superb flavor and surpassing crispness. Medium in size, oval shaped, with an average length of about 18 or 20 inches. It is mottled green on the outside, with the flesh a bright red and of extremely fine quality.

**HALBERT HONEY.** Large, handsome fruits. Weight about 35 lbs. Flesh is a beautiful crimson extending to within half inch of rind.

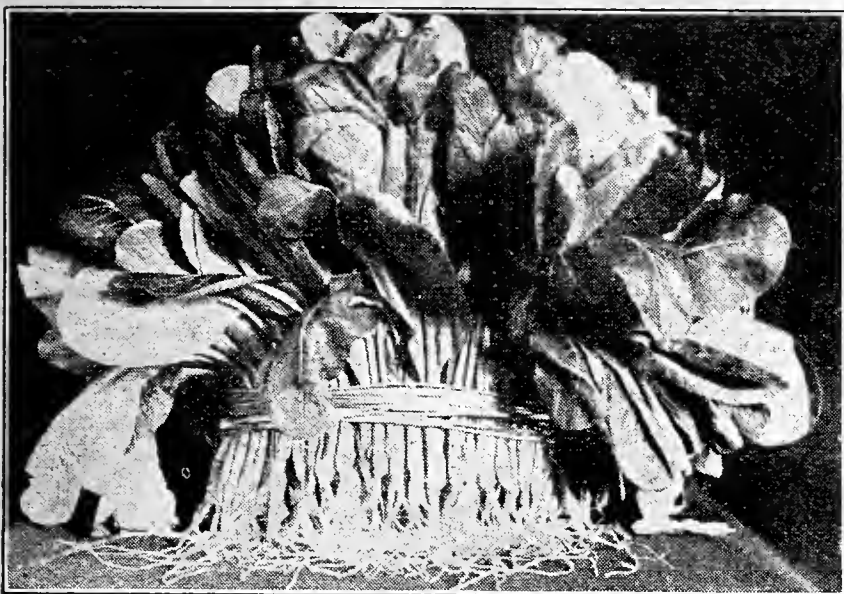
**IRISH GRAY.** Similar in shape and size to Tom Watson. The rind is beautiful greenish gray, very attractive, thin but very tough, hence a good shipper; flesh red and free from stringiness.

**NEW WONDER.** Very productive, growing a large crop of big, dark glossy green melons. Grows long and thick, the flesh a deep red, sweet and juicy.

**TOM WATSON.** The most popular shipping melon grown. The melons are large, long and dark green. The flesh is rich, red, solid, and luscious and ripens close up to the rind.



Stone Mountain



## Japanese Mustard Spinach or Tendergreen

A new vegetable combining the delicious flavors and healthful qualities of spinach, mustard, and turnip greens. It contains an abundance of protein, mineral matter, lime, and iron. The tap-root is small and not edible. The succulent leaves are large and oblong-shaped, a rather dark green color with a small center rib, and are prepared for table like other greens. Flourishes in hot weather and is resistant to drought and extreme cold. Plant any time during the year. Ready for table in 25 days. **Postpaid, pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c.**

### Okra

**Culture**—One ounce will plant 100 hills. Sow about the first of May, in drills 3 feet apart, and thin out the plants to one foot apart. Soak seed in water 12 hours—they germinate easier.

**Price of the following 3 varieties of Okra:** Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 40c, postpaid.

**DWARF GREEN PROLIFIC.** Very early; pods green and tender.

**MAMMOTH LONG PODDED.** Long ribbed pods; tall, green; very productive.

**WHITE VELVET.** Very productive, producing round, smooth, white pods.



White Velvet Okra

### Onion Sets

**Culture**—Plant four to six inches apart in 12 to 14 inch rows. For prices by the bushel see Green Ink List enclosed.

	Postpaid.		Not prepaid.	
	Qt.	Gal.	Qt.	Gal.
LARGE RED WETHERSFIELD	\$0.20	\$0.50	\$0.10	\$0.35
YELLOW GLOBE DANVERS	.20	.50	.10	.35
WHITE SILVERSKIN	.25	.55	.15	.40
WHITE MULTIPLIERS	.25	.65	.15	.50

### Bermuda Onion Plants

**CRYSTAL WHITE WAX AND YELLOW STRAW COLORED** Postpaid, 100, 20c; 200, 35c; 500, 60c; 1000, 95c. Not prepaid, 100, 10c; 200, 20c; 500, 45c; 1000, 75c.

All prices on onion plants are subject to crop conditions and market changes. All plants ready for shipment February 1st. See Green Ink List for prices by the crate.

### Parsley

**Culture**—Soak seed in water for a few hours and sow in rich soil early in Spring in rows a foot apart and cover lightly. Parsley is slow to germinate and is sometimes 3 to 4 weeks in coming up. One ounce will sow 150 feet of drill. Sow in March and April, also in September.

**DOUBLE CURLED PARSLEY.**

**CHAMPION MOSS CURLED PARSLEY.**

**PLAIN or SINGLE PARSLEY.**

Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid.

### Parsnips

**Culture**—Sow the seed in early spring, three-fourths of an inch deep in rows 12 to 18 inches apart and when 3 inches high thin to 6 inches apart in the row. One ounce of seed for 100 feet of row; 5 pounds of seed required for an acre.

**HOLLOW CROWN.** Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid.



Hollow Crown

# Onion

**Culture**—Sow in January or February in hotbeds. Transplant to 12-inch rows, five inches apart. Sow outdoors in rows in March.

**HARDY WHITE BUNCHING.** A Japanese variety for early green onions. Sow seed from early spring to Aug., transplant in rows 16 inches apart and as close together as possible and 5 in. deep, the stalks will blanch to pure white and make good onions for bunching in 3 or 4 weeks. The later planted ones may be left in the ground over winter for early spring use. **Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60, postpaid.**

**BERMUDA.** This onion is extensively grown in the south and is highly prized on account of its very mild flavor and fine quality; may be grown anywhere.

**CRYSTAL WHITE WAX BERMUDA.** Pkt., 5c; oz., 30c; 2 oz., 45c; ¼ lb., 70c; ½ lb., \$1.15; 1 lb., \$2.00, postpaid.

**YELLOW or STRAW COLORED BERMUDA.** Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.70, postpaid.

**ITALIAN ONIONS.** Fine grained of mild flavor and grow to a large size. These are the varieties raised here by our market gardeners. Red Italian—Globe Shaped Red—White Italian—Early Flat White. **Price either variety: Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.00, postpaid.**

**SOUTHPORT WHITE GLOBE.** Handsome globe-shaped bulbs. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.90, postpaid.

**RED GLOBE SOUTHPORT.** Red instead of white or yellow; otherwise same as above; exceedingly handsome.

**WHITE SILVER SKIN.** Pure white; mild flavor. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.

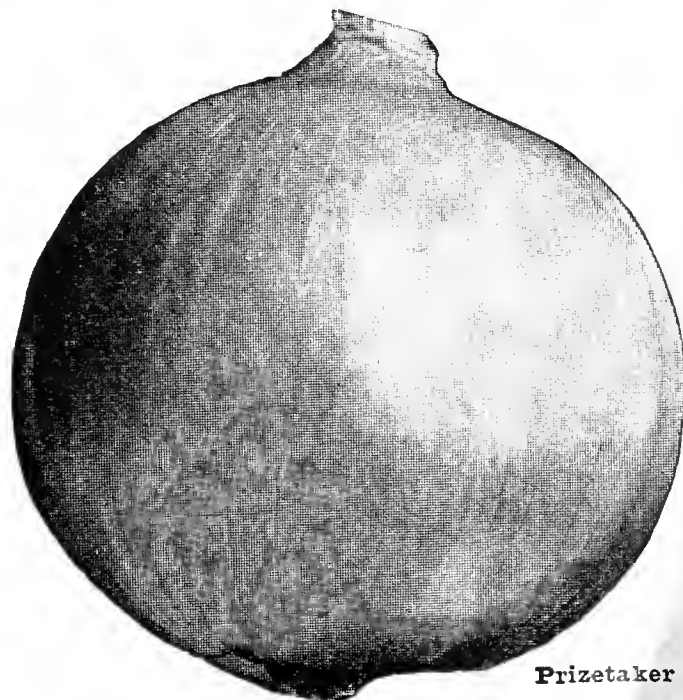
Standard varieties onion prices uniform as follows: Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.70, postpaid.

**AUSTRALIAN BROWN.** Flattened in shape, of a brown color, wonderfully hard and solid.

**LARGE RED WETHERSFIELD.** Large, skin purplish red, an excellent keeper; one of the best for market. Will grow in most soils.

**PRIZETAKER.** Single specimens often weigh from 3 to 4 pounds; it is nearly round. Color light yellow; flesh white, tender and of mild flavor. The bulbs are solid. Recommended for home garden or market.

Prices on larger quantities given on our Green Ink List.



Prizetaker

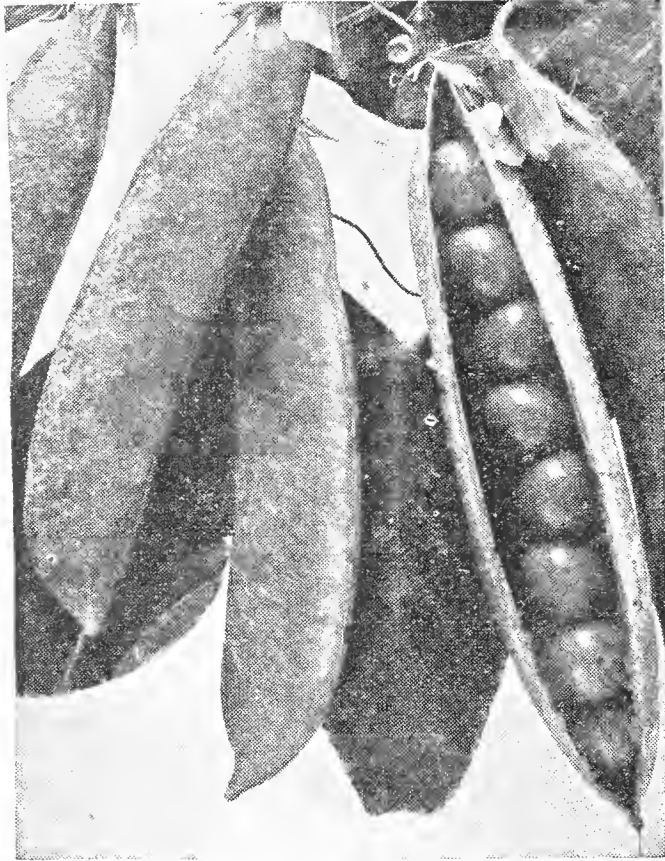
**SWEET SPANISH or VALENCIA.** A very large light yellow colored onion of globe shape, having a very mild sweet flavor. It is a good keeper.

**YELLOW GLOBE DANVERS.** Globe shaped, bright yellow.

### SPECIAL OFFER

Any 7—5c packets of seed on this page postpaid for 25c.  
Any 7—10c packets of seed on this page postpaid for 50c.

# Russell-Heckle's Garden Peas



Thomas Laxton

## SPECIAL OFFER

For 50c select any 3—20c size English Peas described, postpaid.

For \$1.00 select any 4—30c size English Peas described, postpaid.

**LAXTON'S PROGRESS.** Ready for market in 60 days, pods average  $4\frac{1}{4}$  inches long, filled with 8 or 9 deep green, large peas. Vine grows 18 inches in height.

**LITTLE MARVEL.** (54 days.) One of the best early wrinkled varieties. Grows about 15 inches tall, and produces pods 3 inches long, well filled with peas of excellent quality.

**MAMMOTH POD EXTRA EARLY.** This is without question the best extra early Pea for market gardeners. It is only five days later than Alaska and the pods are almost as large as Gradus. The seed being almost smooth, it can be planted as early as any of the extra earlys. It is very prolific; pods of a rich dark green color. Height, three feet.

**MAMMOTH MELTING SUGAR.** Pods grow 4 inches long, peas very sweet, edible pod; height, 3 feet.

**MAMMOTH LUSCIOUS SUGAR.** The perfect giant, podded sugar variety.

**McLEAN LITTLE GEM.** Hardy, prolific, uniform in habit of growth. Pods medium size and well filled. Medium early. Height, 18 inches.

**NOTT'S EXCELSIOR.** (58 days.) Vines 14 inches high. Pods  $2\frac{3}{4}$  inches long, light green; good for market or home use.

**TALL TELEPHONE.** The vines are tall, about four feet high, producing an abundance of pointed pods of largest size, often four and one-half to five inches long, filled with very large peas, which are tender and sweet.

**THOMAS LAXTON.** Large-podded, extra early Pea. In earliness the Thomas Laxton is only two or three days behind the Alaska, but the pods are very much larger, containing on the average seven or eight large, sweet, wrinkled Peas of the very richest flavor. The vines attain a height of from three to three and one half feet.

**WORLD'S RECORD.** One of the very finest of the large-podded, dwarf Peas, though somewhat earlier. Height, 15 inches. Vine and foliage stout, heavy and dark green; pods  $3\frac{3}{4}$  inches long, containing 6 to 8 large dark green peas of superb quality.

**Culture**—The pea is hardy and endures cold well, either in or above the ground. It is best to sow the earliest varieties as soon as possible (February), in warm, light soil, prepared the previous autumn or winter. The main crop may be sown about two weeks later. Sow Peas in drills about 2 to 3 inches deep, in rows  $2\frac{1}{2}$  to  $3\frac{1}{2}$  feet apart. One quart will sow 100 feet of drill. Wrinkled varieties described below should not be planted until March.

Prices on the following 4 varieties of English Peas as follows:

Postpaid:  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 40c. Not prepaid:  $\frac{1}{2}$  lb., 10c; 1 lb., 20c; 2 lbs., 30c.

Prices on larger quantities given on our Green Ink List.

**EARLY ALASKA.** Matures in 50 days. This is an extra pea, blue in color, earlier by a few days than any other kind; very fine and prolific.

**AMEER.** Known as BIG POD ALASKA. Matures about 10 days later than Alaska. Height 3 feet; good quality.

**FIRST AND BEST EXTRA EARLY.** A very desirable early sort. Height of vine about 3 feet. Smooth seed.

**LARGE WHITE MARROWFAT.** Height, five feet. Vines and foliage stout, deep green.

Wrinkled varieties of English Peas priced uniform as follows:

Postpaid:  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 45c. Not prepaid:  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 35c.

Prices on larger quantities given on our Green Ink List.

**AMERICAN WONDER.** A dwarf, early wrinkled sort; pods short but well filled; quality excellent. Height, one foot.

**BLISS EVERBEARING.** A good variety that continues in bearing a long time. Height, three feet.

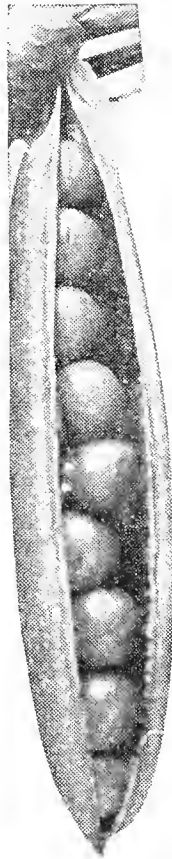
**CHAMPION OF ENGLAND.** It grows 4 to 5 feet high and requires support, and large crop production more than repays any extra labor required.

**DWARF TELEPHONE.** Large, dark green pods  $4\frac{1}{2}$  inches long, matures in 68 days; vine  $2\frac{1}{2}$  feet in height.

**EARLY BIRD.** This variety is one week later than Early Alaska but has larger pods which are dark green in color, filled with plump sweet peas; seed being nearly smooth. They can be planted very early.

**GRADUS or PROSPERITY.** (55 days.) Vines about 3 feet high; bears profusely. The pods are almost as large as those of Laxtonian and filled with peas of the finest quality, sweet and tender.

**LAXTONIAN.** Eighteen inches. The largest-podded of the dwarf wrinkle Peas. A splendid new variety, becoming a favorite with those who grow for the market or for the home garden.



Little Marvel



Gradus or Prosperity

Quantity prices on Garden Peas are quoted on our Green Ink List enclosed.

# Peppers

**Culture**—One ounce will produce about 1,000 plants. For early plants sow in hotbeds the latter part of January, and transplant to open after all danger of frost is over, in rows 3 feet apart, 15 to 18 inches apart in the rows.

**Prices of 7 following varieties of Pepper: Postpaid, pkt., 5c; ½ oz., 20c; oz., 35c; 2 oz., 65c; ¼ lb., 90c; ½ lb., \$1.85; 1 lb., \$3.50.**

**Prices on large quantities quoted on our Green Ink List.**

**CALIFORNIA WONDER.** A giant-podded sweet Pepper, maturing very early, similar in shape to Bull Nose, but much larger and flesh thicker, deep green when young and a rich red when ripe; flavor mild.

**CHINESE GIANT.** This variety is one of the largest and finest Peppers. They are quite square, average 4 inches in diameter, and is of a bright, glossy-scarlet when ripe. The flesh is unusually thick and very mild.

**HARRIS EARLY GIANT.** Earliest of all large fruited sorts. A very large sweet Pepper, producing good crops.

**HUNGARIAN WAX.** A hot pepper that has become very popular in some localities. The fruits grow to be 4 to 5 inches long and 2 inches thick. It is first green, then creamy white and then red.

**BIRD'S EYE or CREOLE.** Very hot, used for Pepper Sauce.

**RED CHILLI.** Small red conical pods, very hot.

**TABASCO.** Fine for seasoning; extremely pungent.

**Prices of the following 5 varieties of pepper: Postpaid, pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.10.**

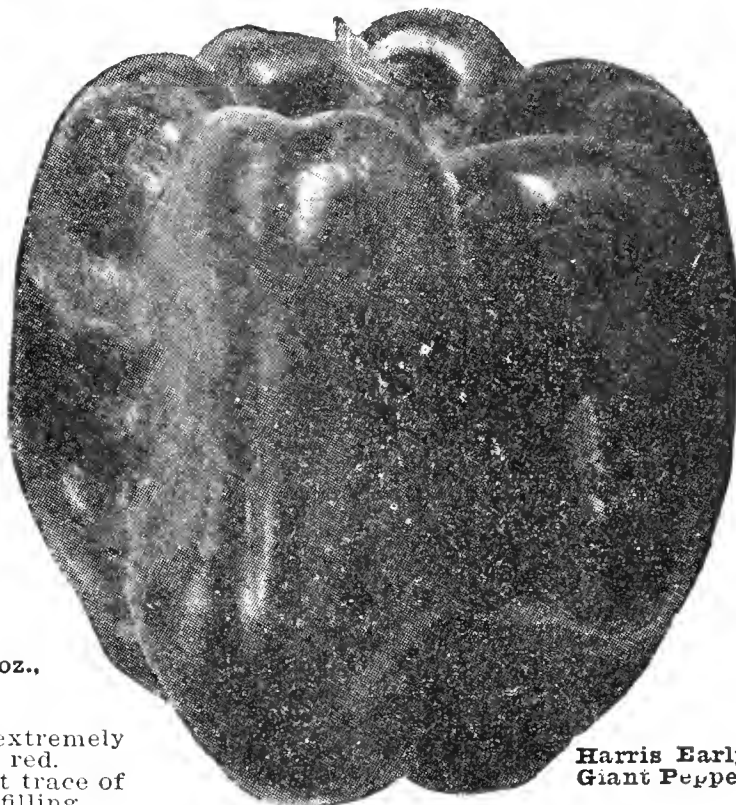
**BELL, or BULL NOSE.** A large early sort of mild flavor.

**LONG RED CAYENNE.** A well known medium early variety, with extremely strong and pungent flesh. Bears long slender twisted pods, bright red.

**PIMENTO.** The sweetest Pepper grown, does not contain the slightest trace of fieriness; are medium in size and of a shape which is desirable for filling.

**RUBY KING.** A fine variety, very large and attractive. Fruits are 4 to 5 inches long, bright red when ripe.

**WORLD BEATER.** Said to be a cross between Ruby King and Chinese Giant. The shape is like Ruby King, only the blossom end is broader, and the size nearly equal to Chinese Giant. Vigorous grower and very prolific.



Harris Early Giant Pepper

## Summer Seed Potatoes

We will have to offer for summer planting cold storage Lookout Mountain, McCormick and Red Triumph Potatoes. Prices will be given in June and July. Write us.

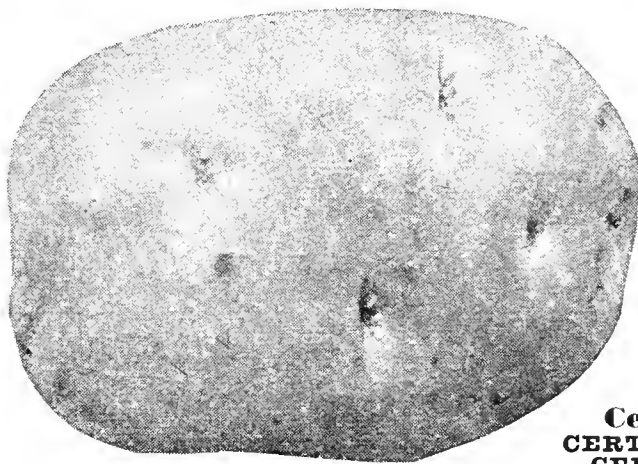
## Certified Irish Potatoes

**Culture**—Will mature in 70 to 90 days, according to the variety. Cut two eyes, drop them every 15 inches, and make rows 3 feet apart; cover eyes 4 inches; plant in February, March and April for early crops.

**CERTIFIED RED TRIUMPH.** You can depend on our stock of Bliss Red Triumphs. They are smooth, sound and free from diseases and true to type, so tagged and certified by the state which produces them. Remember, only State Certified Seed Potatoes can be shipped into Mississippi and other states.

**CERTIFIED IRISH COBBLER POTATOES.** A popular, early white potato of fine quality. Very productive.

On account of market fluctuations, we are unable to name prices on Irish Potatoes. Will be pleased to have you write during the month of February or later. Will then quote prices for prompt or future shipments.



Certified Red Triumph

## CERTIFIED SEED Sweet Potatoes

Plant only disease-free seed Sweet Potatoes and Sweet Potato Slips. They mean better quality and better crops. Can furnish the following varieties:

**CERTIFIED NANCY HALL.** Skin yellow, meat sweet, of amber yellow. Prices on request.

**CERTIFIED PORTO RICO YAMS.** Deep orange meat, soft, sweet and of best flavor; skin golden color with slight purplish tinge. Prices on request.

**Certified Sweet Potato Slips**  
**CERTIFIED NANCY HALL SLIPS.**  
**CERTIFIED PORTO RICO SLIPS.**  
 Prices by express: 500 for \$1.25; 1,000, \$2.00.

**Treat Irish Potatoes with New Improved SEMESAN BEL**  
**Treat Sweet Potatoes with CORROSIVE SUBLIMATE**

These materials prevent and cure diseases and are priced on page 60 of this book.

## Pumpkins

**Culture**—They may be grown as a field crop. Plant in hills 8 feet apart each way, and any time after first of May. Avoid planting near other vine crops, as they will hybridize and damage that crop. One ounce will plant about 25 hills, 4 pounds to the acre.

**YELLOW KENTUCKY FIELD.** A large variety of good quality; the standard pumpkin for field cultivation and stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c, postpaid.

Other Pumpkins sold at a uniform price: Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 85c, postpaid.

**Prices on larger quantities given on our Green Ink List.**

**STRIPED CUSHAW.** Very productive, good for table and stock feeding.

**SMALL SUGAR.** Small, round, flat-ended. Very prolific. Deep orange-yellow flesh, fine grained and sweet. One of the best for pies.

**TENNESSEE SWEET POTATO.** Of medium size, creamy white, with light green stripes and fine-grained brittle flesh.

**JAPANESE PIE.** A large crook-necked sort; skin green, striped yellow. Flesh yellow and of fine quality.

**KING OF THE MAMMOTH.** Of extraordinary large size, good for growing for prizes; skin is orange colored, with bright yellow flesh of fine quality.

### SPECIAL OFFER

Select any 7—5c size packets of seed on this page for 25c.  
 Select any 4—15c size packets of seed on this page for 50c.



Yellow Kentucky Field

# Radish



White  
Icicle

**Culture**—To be tender and crisp, radishes must be grown quickly and this requires rich soil and moisture. Begin as early as possible in the spring and sow at intervals of about 10 days in a light, rich, deeply worked soil. For fall and winter, sow in August and September. One ounce sows 50 feet in drills; 10 to 12 lbs. to the acre.

**Price of the following varieties of Radish Seed, uniform, viz.:** Postpaid, packet, 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c. Prices on larger quantities given on our Green Ink List.

**EARLY SCARLET TURNIP.** A very early, small, round radish; entire radish is of a rich scarlet color.

**EARLY SCARLET TURNIP WHITE TIP.** Market gardeners' favorite radish for outdoor planting. Turnip-shaped; handsome scarlet in color, with a distinct white tip.

**EARLY LONG SCARLET SHORT TOP.** Early, very short top; splendid shape and color.

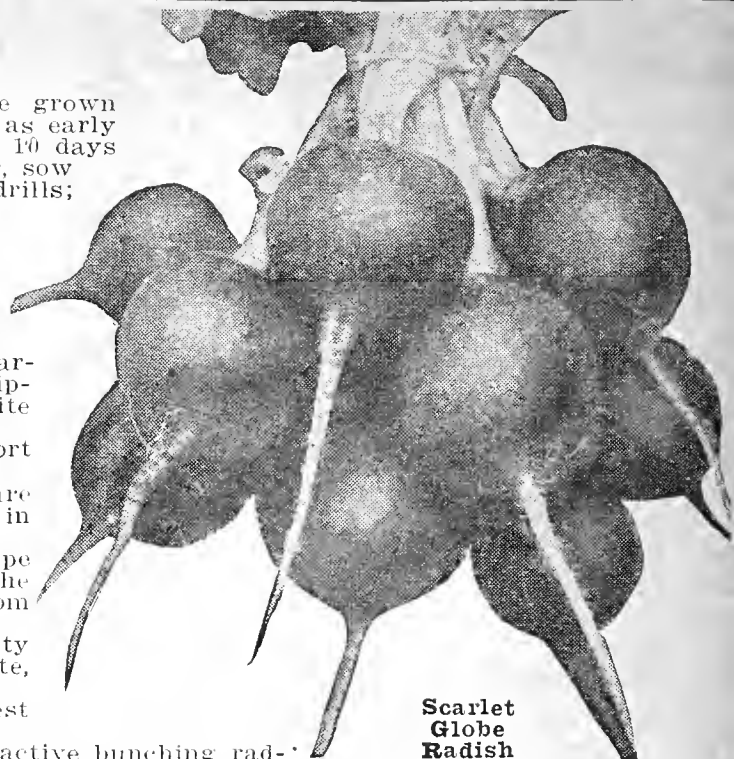
**EARLY SCARLET GLOBE.** The roots of this variety are slightly olive shaped and are a rich bright scarlet in color. The flesh is white and tender.

**COOPER'S SPARKLER.** This radish is an improved type of the Scarlet Turnip White Tip and is superior to the original. The top half is beautiful scarlet; the bottom half clear white.

**FRENCH BREAKFAST.** A very popular French variety of very rapid growth; color, scarlet, tipped with white, and small in size.

**ICICLE.** Long, slender, pure white, the earliest and finest long white radish.

**R.-H. CO.'S PERFECTION WHITE TIP.** The most attractive bunching radish on the market—the best strain of Scarlet Turnip White Tip Radish, with the white tip well developed, covering the lower half of the radish. Extra early; crisp and tender.



Scarlet  
Globe  
Radish

## Winter and Forcing Radishes

Prices uniform, viz.: Postpaid, pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c.

**CHINESE WHITE MAMMOTH.** This is the Mammoth and finest of the Chinese varieties; they grow to a very large size, from 12 to 15 inches long and 5 inches in diameter, and mostly above ground; the roots are shaded by its heavy foliage, and are always crisp and mild.

**CHINA ROSE.** One of the very best for fall and winter use; bright rose color; flesh white and firm; superior quality.

**LONG BLACK SPANISH.** Grayish black in color; pungent, exceedingly crisp.

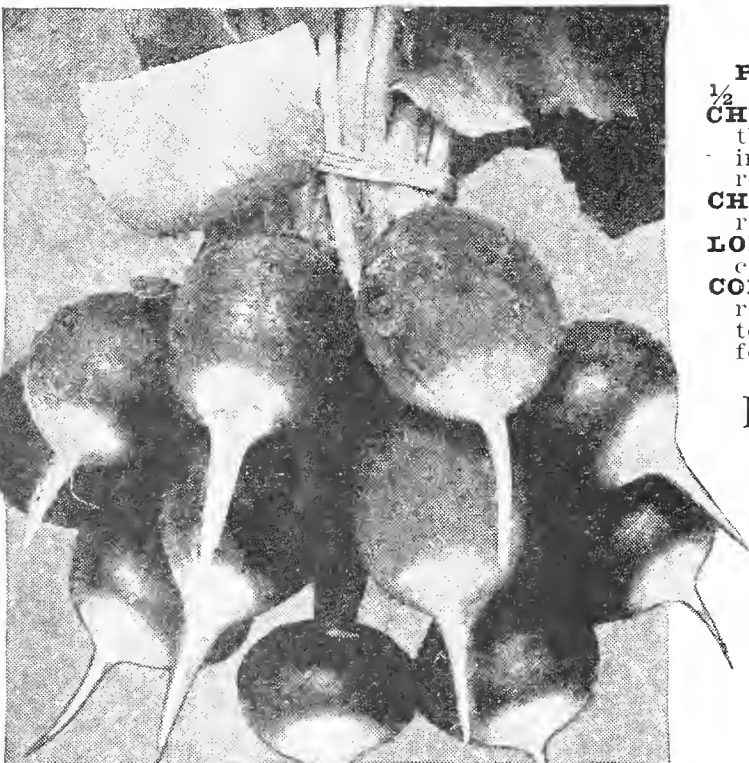
**COLUMBIA FORCING.** One of the earliest. It is perfectly globular, rich, brilliant scarlet at top, blending into pure white at bottom; tender and crisp. The greenhouse strain of Cooper's Sparkler for forcing.

## Rhubarb or Pie Plant

**Culture**—Plant in the early spring or fall in deep-worked soil, 4 feet apart each way. Mulch freely with manure or coarse litter. After stalks are well rooted and have grown freely, they may be used, and with care will last for years.

**Rhubarb Seed:** Pkt., 5c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.40, postpaid.

**Rhubarb Roots:** 2 yr. strong roots, postpaid, each, 20c; 3 for 50c; 12 for \$1.75.



Cooper's Sparkler

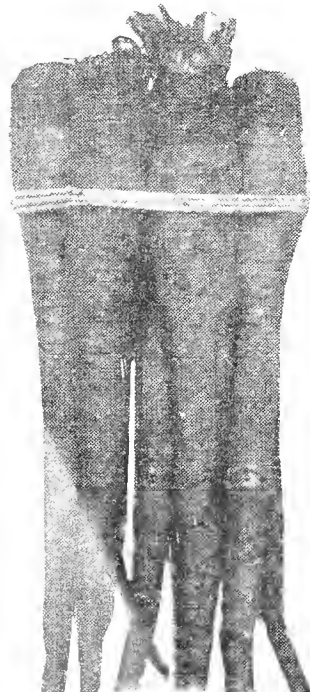
## SALSIFY (Oyster Plant)

**Culture**—The Oyster Plant succeeds best in some light, well-enriched soil which previous to sowing the seeds should be stirred to the depth of 18 inches. Sow early in the spring in drills 15 inches apart; cover the seeds with fine soil 1 inch deep. One ounce for 60 feet of drill, 7 pounds to one acre.

**MAMMOTH SANDWICH ISLAND.** This splendid variety grows to fully double the size of the old sort; is of superior quality and delicate flavor. Postpaid, pkt., 5c; oz., 15c; 2 oz., 30c; ¼ lb., 50c; ½ lb., 80c; 1 lb., \$1.35.

### SPECIAL OFFER

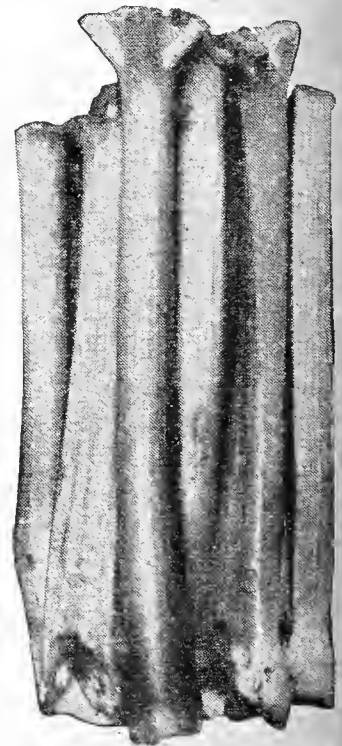
For 25c select any 7—5c size pkt. of Radish Seed postpaid.  
For 50c select any 7—10c size pkt. of Radish Seed postpaid.



Salsify



Lucullus  
Swiss  
Chard



Rhubarb

## Swiss Chard

Grown for its leaves and stems only. Cook the leaves as you do spinach, and the stems like asparagus. The plant is almost perpetual if kept trimmed; also good for poultry greens.

**LUCULLYS.** Light green leaves with white ribs.

**GREEN CURLED.** Dark green leaves with white ribs.

Price either variety, postpaid, pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 55c.

Prices on large quantities quoted on our Green Ink List.



# Spinach

Bloomsdale  
Curled Savoy

**Culture**—Requiring but little culture, it is one of the most easily managed of all vegetables. The main crop is sown from September until November. For summer use it may be sown at intervals of two or three weeks, from March to November. One ounce to 100 feet of drill; 10 to 12 pounds to an acre.

**BLOOMSDALE CURLED SAVOY.** The favorite market variety. The leaves are curled, tender and succulent. **Postpaid, pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.25.**

**NEW ZEALAND.** The variety which endures heat and hence is an ideal variety for summer use. One single plant will grow to dimensions of 6 feet across, producing an abundance of thick, fleshy, juicy stems and leaves. Plant in hills 2 feet apart each way, 3 or 4 seeds to a hill. **Postpaid, pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 55c.**

**Prices on the following varieties of Spinach listed below as follows: Postpaid, pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 30c; 1 lb., 45c.**

**NORFOLK BLIGHT RESISTANT SAVOY.** A variety of Bloomsdale Spinach that is Blight resistant. The leaves are dark green, crumpled, large and of beautiful appearance. For market, grow the Norfolk Blight Resistant Spinach.

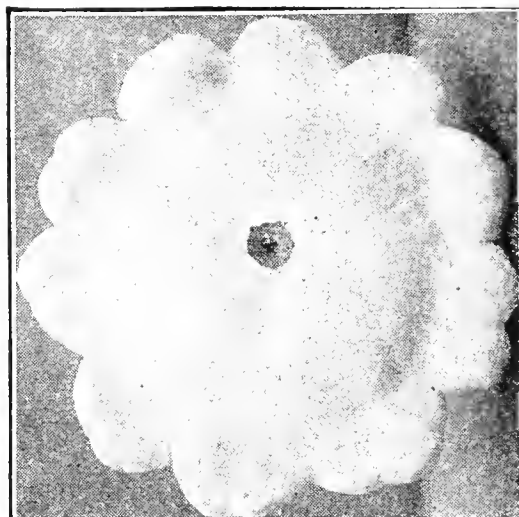
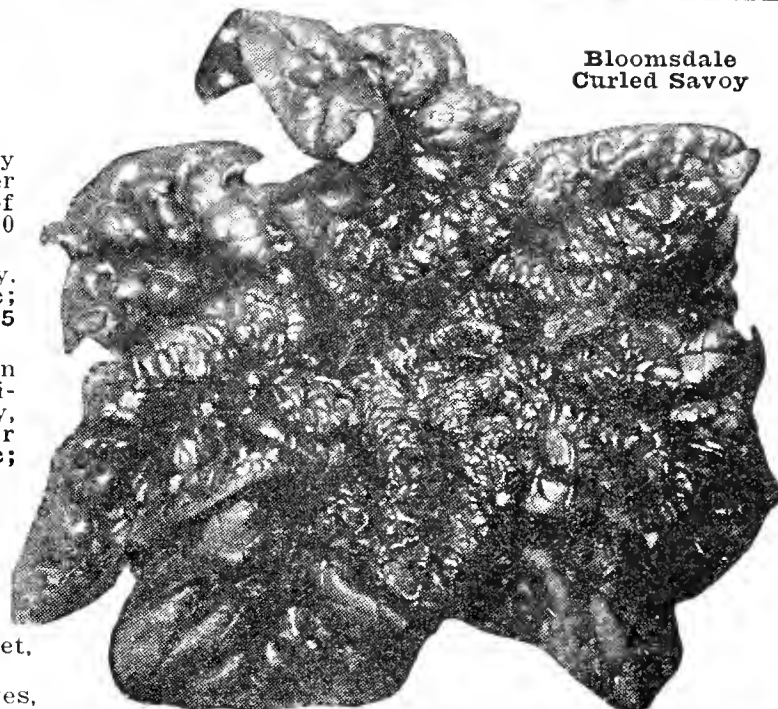
**KING OF DENMARK.** Has beautiful crumpled dark green leaves, thick and of fine quality.

**FILLBASKET.** The largest growing variety. Glossy dark green foliage, crumpled and thick in texture. Ready to cut in 45 days.

**BROAD LEAVED FLANDERS.** Leaves bright green, broad and thick.

**NEW LONG STANDING BLOOMSDALE CURLED SAVOY.** A long standing strain. Remains in edible condition longer than most varieties.

Quantity prices for market gardeners on Spinach are given on our Green Ink List.



# Squash

**Culture**—After danger of frost is past, plant in a warm, well-pulverized, rich soil, mixing well-rotted manure with the soil in each hill. Plant 8 or 10 seeds to the hill; the bush varieties 4 to 6 feet apart, the running sorts 8 to 10 feet.

## SUMMER VARIETIES

**Prices as follows: Postpaid, pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 75c.**

**EARLY WHITE BUSH PATTY PAN.** The most popular of white summer types of squash. The fruits are rather small, quite flat, with ridges or scalloped edges. The vines are bushy, and the fruits are 8 inches across.

**GOLDEN SUMMER CROOKNECK.** Of true bush growth, very early-fruiting and productive. The skin is a beautiful deep orange and the flesh a rich shade of salmon-orange.

**GOLDEN CUSTARD.** Bush form similar to the White Bush, but yellow and fine quality, being always tender.

**GIANT STRAIGHTNECK YELLOW.** An excellent selection from the Crookneck Squash with comparatively straight neck, thus being more easily packed for shipment. The fruits are intensely warted. 18 to 20 inches long. Sweet and buttery.

**MAMMOTH WHITE BUSH.** Quite similar to the Early White Bush, from which it was originally selected. It differs in being about a third larger.

**GIANT YELLOW CROOKNECK.** Fruit is large, bright yellow and covered with warts. The vines run.

Early White Bush Patty Pan

## SPECIAL OFFER

For 25c select any 7—5c pkts. of Spinach or Squash seed.  
For 50c select any 7—10c pkts. of Spinach seed.  
For 50c select any 5—15c pkts. of Squash seed.



Golden  
Summer  
Crookneck.

## LATE VARIETIES

**Prices as follows: Postpaid, pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., 90c.**

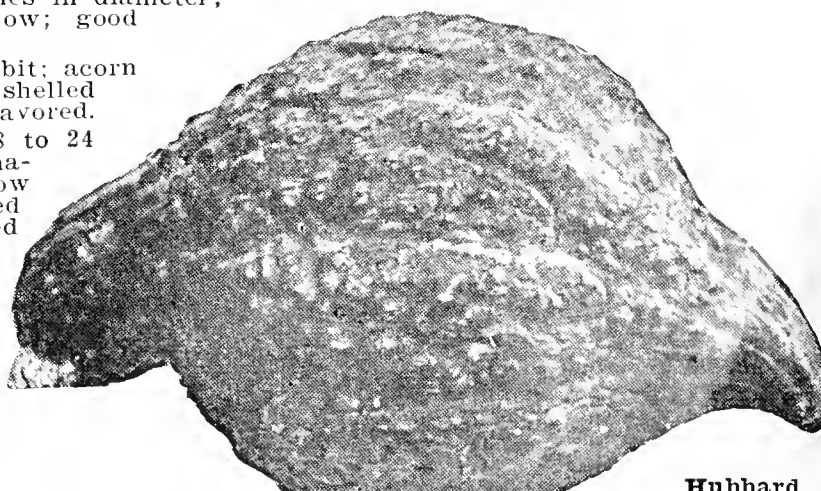
**GOLDEN DELICIOUS.** An excellent variety for every home garden. Fruits are top-shaped, with a rich dark green skin, mottled with lighter shadings. Flesh is thick, dark orange in color, sweet and dry.

**HUBBARD.** Flesh is bright yellow, thick, fine grained, very dry and sweet. Splendid for pies. A good keeper.

**COCOZELLE.** Italian Marrow or Green Bush Vegetable Marrow. A summer variety. Bush type very productive, 12 to 16 inches long, 5 to 6 inches in diameter; skin dark green, marbled with yellow; good quality.

**TABLE QUEEN.** This is trailing in habit; acorn shaped fruits, ribbed, smooth, thin shelled dark green, flesh light yellow, sweet flavored.

**ZUCCHINI.** A long Italian squash. 18 to 24 inches long and 4 inches thick when matured. Dark green marbled with yellow and lighter green stripes. Usually picked at the length of 5 or 6 inches and stewed or fried in olive oil.



Hubbard  
Squash

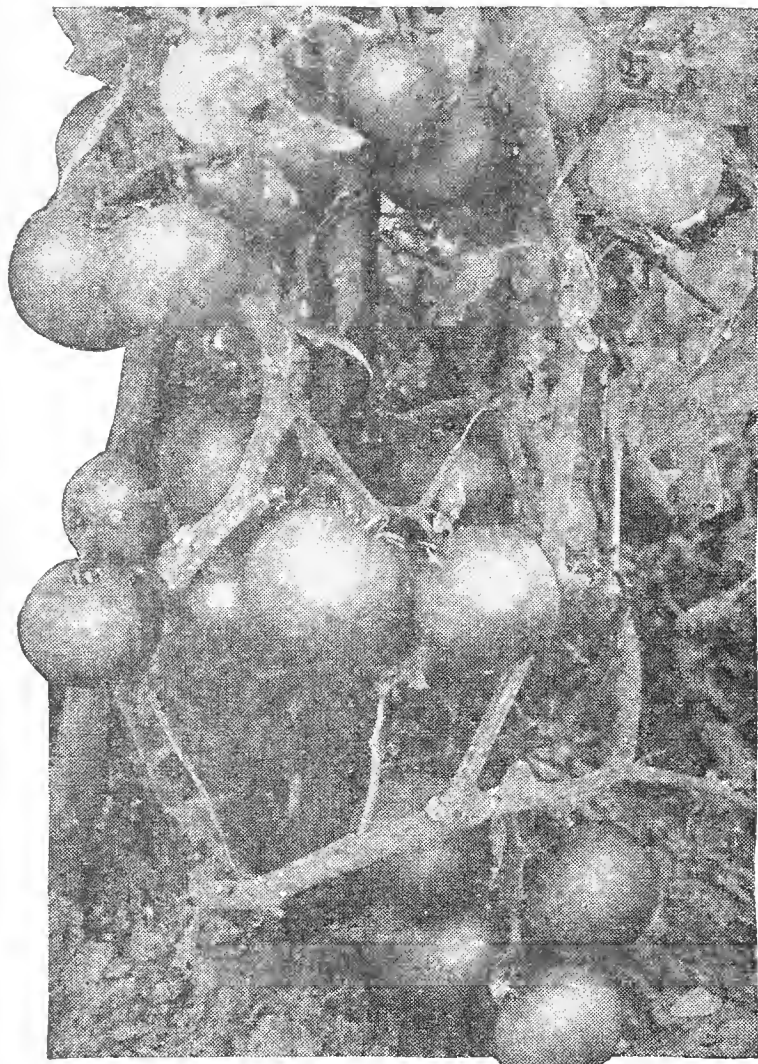
# Tobacco

The seeds are sown in the spring. When these plants are almost 6 inches high, set out 2 feet apart, in drills, with rows 3 feet apart. One ounce of seed will make enough plants to set out three acres.

**HAVANA**—Grown largely for wrappers of cigars.

**IMPROVED WHITE BURLEY.** Fine for both chewing and smoking. Price of any of the above varieties: **Pkt., 10c; oz., 40c, postpaid.**

# R.-H. Co.'s Top Notch Tomatoes



Master Marglobe

**EARLY ACME.** Early and bears fruit until cut off by frost. Fruit is purplish-pink, always round, smooth and of good size, and is borne in clusters of four or five; free from cracks and stands shipment well. Flesh is solid and of excellent flavor. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; ½ lb., \$1.40; 1 lb., \$2.25, postpaid.**

**BONNY BEST.** An early variety maturing a little later than Earliana. Fruit medium size, color bright scarlet, exceedingly smooth, handsome shape, ripens evenly close up to the stem. It is very prolific and we recommend it as a first-class sort. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.**

**BEEFSTEAK.** Large fruit, 4 to 5½ inches across, nearly always perfectly smooth, glossy, bright red flesh. Very solid; excellent quality, few seeds; ripening up to stem; good keeper and a good shipper. **Pkt., 5c; ½ oz., 25c; oz., 45c; 2 oz., 75c; ¼ lb., \$1.25; ½ lb., \$2.00; 1 lb., \$3.75, postpaid.**

**BRIMMER.** A great, big, solid red Tomato, 15 to 16 inches in circumference, weighing 2 to 2½ pounds each. It is all meat, very few seeds. The vines bear a tremendous load of fruits right up to frost and the fruits continue large until the end of the season. They are bright red, smooth and will not crack. **Pkt., 5c; ½ oz., 25c; oz., 45c; 2 oz., 75c; ¼ lb., \$1.25; ½ lb., \$2.00; 1 lb., 3.75, postpaid.**

**BREAK O' DAY.** The fruit is the same color, shape and size and solidity as Marglobe, but is ten to twelve days earlier than Marglobe. Break o' Day will mature along with Bonny Best and other early varieties. 90 days. **Pkt., 5c; ½ oz., 20c; oz., 30c; 2 oz., 50c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.**

**DWARF PONDEROSA.** A most productive Dwarf Tomato, producing a high yield of mammoth fruits. The tomatoes average 4 inches in diameter and are about 3½ inches thick. **Pkt., 5c; ½ oz., 25c; oz., 45c; 2 oz., 75c; ¼ lb., \$1.25; ½ lb., \$2.25; 1 lb., \$4.00, postpaid.**

**EARLIANA.** A fine scarlet tomato. Ready for the market very early. Ripens uniformly and is a good yielder. Smooth, always round and good first size. Flesh is very thick, firm. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.**

**EARLY DETROIT** The largest and best of the early purplish tomatoes. Fruits very smooth, nearly globe-shaped, firm and of excellent quality. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.**

**Culture**—The seed should be sown in March in a hotbed or greenhouse, or may be sown in a box and kept inside the window of a room where the night temperature is not less than 65 degrees. The plants should be thinned out in the bed so as to give them plenty of room or they will be weak and poor. About the middle of April the plants may be set in the open ground from 4 to 5 feet apart each way. One ounce produces about 1,500 plants. To prevent rot and blight on tomato plants, spray them with Pyrox when first fruits have set.

Prices on large quantities quoted on our Green Ink List.

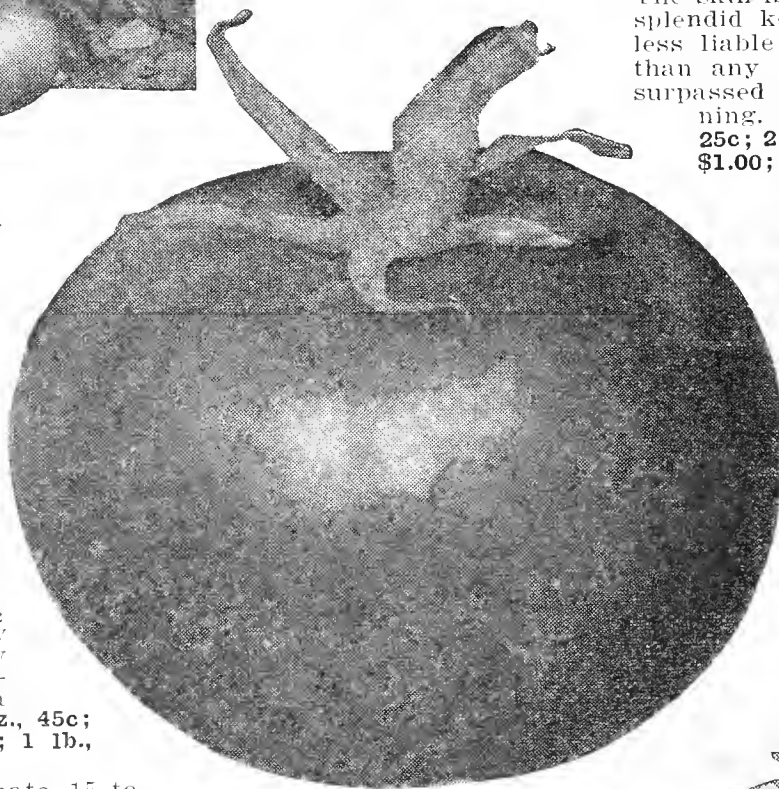
**GREATER BALTIMORE.** A perfect deep, rich red, tomato. One of the most productive of all varieties. It is especially fine for canning since it is solid and of fine flavor. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; ½ lb., 90c; 1 lb., \$1.35, postpaid.**

**GULF STATE MARKET.** One of the finest early globe-shaped tomatoes yet produced. Color deep purplish pink, smooth skin and free from cracks. **Pkt., 5c; ½ oz., 20c; oz., 30c; 2 oz., 50c; ¼ lb., 80c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.**

**MARGLOBE.** This is our regular stock of Marglobe, while not equal to our other strains of this excellent variety, it is as good as any stock sold by other seed houses. Our grower procured the original stock from the U. S. Department of Agriculture. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; ½ lb., 90c; 1 lb., \$1.35, postpaid.**

**MASTER MARGLOBE (Certified).** This is extra selected stock, brought to perfection by the originators from whom we procured our supply. Master Marglobe has a deeper color, rich deep scarlet and grows very uniform, more globe-shaped than the standard type. Master Marglobe is a heavy yielder of fine large tomatoes which have a thick firm meat and small seed cavity. Is medium early, almost 100 percent blight and nail-head resistant and is well suited for almost all soils. **Pkt., 10c; ½ oz., 35c; oz., 65c; 2 oz., \$1.10; ¼ lb., \$1.75; ½ lb., \$3.00; 1 lb., \$5.75, postpaid.**

**MATCHLESS.** The color is rich red. The skin is so tough that it makes a splendid keeper and shipper, and is less liable to crack in wet weather than any other large tomato. Unsurpassed for market, table or canning. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.**



Gulf State Market

## Special Offer On TOMATO SEEDS

Select any 7—5c size packets for 25c.

Select any 7—10c size packets for 50c.



Greater Baltimore

# R.-H. Co.'s Top Notch Tomatoes

**LIVINGSTON'S GLOBE.** The fruits are of large size, always smooth, with firm flesh that ripens evenly; color, a fine glossy rose, tinged with purple. Quality good, being mild, pleasant and of delicious flavor. Almost blight-proof. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.50, postpaid.**

**LOUISIANA PINK.** A fine early pink tomato, very smooth and perfect—plant vigorous and wilt resistant. **Pkt., 5c; ½ oz., 20c; oz., 35c; 2 oz., 60c; ¼ lb., 90c; ½ lb., \$1.40; 1 lb., \$2.50, postpaid.**

**NORTON WILT-RESISTANT.** Very smooth, excellent flavor, solid, bright red color; ripens in mid-season. **Pkt., 5c; ½ oz., 20c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.**

**NEW STONE.** The Greatest of All Canning Tomatoes. Always of good size, deep through from stem to blossom-end and very firm. Skin is bright scarlet, perfectly smooth. Flesh is very solid and of finest flavor. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 50c; ½ lb., 80c; 1 lb., \$1.35, postpaid.**

**OXHEART.** Fruits, large, smooth, purplish pink, almost seedless. Flesh is very thick and delicious. The name is derived from its shape which is large at stem end, tapering almost to a point. **Pkt., 10c; ½ oz., 30c; oz., 50c; 2 oz., 85c; ¼ lb., \$1.40; ½ lb., \$2.25; 1 lb., \$4.25.**

**PONDEROSA.** One of the best for home use. Fruits deep purplish pink; extremely large, commonly 16 to 20 ounces each; deep but flat; very fleshy with few seeds; 100 days. **Pkt., 5c; ½ oz., 25c; oz., 40c; 2 oz., 70c; ¼ lb., \$1.00; ½ lb., \$1.80; 1 lb., \$3.25, postpaid.**

**PRITCHARD.** Formerly known as Scarlet Topper, coming from the same source as Marglobe. Pritchard is wilt-resistant, and its very open foliage produces fruits of large size. The color of the fruit is brighter red than the Marglobe and is perfectly smooth, quite large and solid. **Pkt., 5c; ½ oz., 20c; oz., 35c; 2 oz., 50c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.35, postpaid.**

**RED HEAD.** A superb early maturing variety coming into bearing with Earliana, however, it is perfectly smooth, of larger size and a deep but bright red color and holds its size throughout season. **Pkt., 5c; ½ oz., 20c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00; ½ lb., \$1.75; 1 lb., \$3.00, postpaid.**

**YELLOW PONDEROSA.** Equals Ponderosa in size, but bears rich golden-yellow fruits in abundance. **Pkt., 10c; ½ oz., 30c; oz., 50c; 2 oz., 85c; ¼ lb., \$1.40; ½ lb., \$2.25; 1 lb., \$4.25, postpaid.**

## Preserving Tomatoes

**RED PEAR.** Pkt., 10c; ½ oz., 25c; oz., 45c.

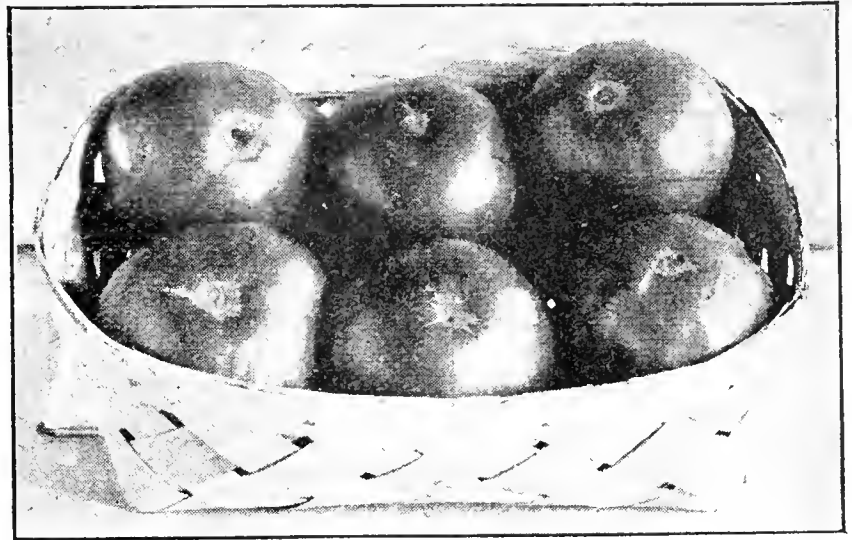
**RED PLUM.** Pkt., 10c; ½ oz., 25c; oz., 45c.

**YELLOW PEAR.** Pkt., 10c; ½ oz., 25c; oz., 45c.

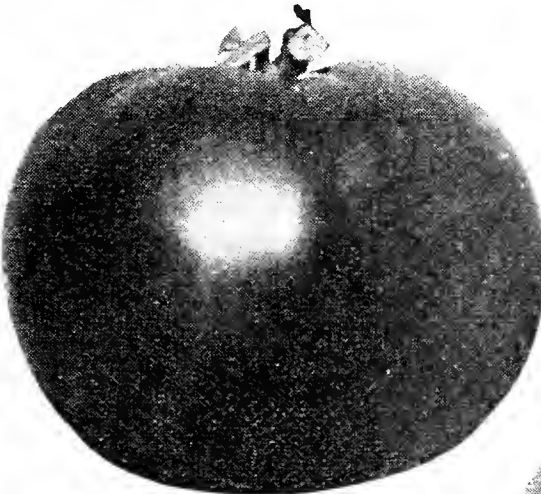
**YELLOW PLUM.** Pkt., 10c; ½ oz., 25c; oz., 45c, postpaid.



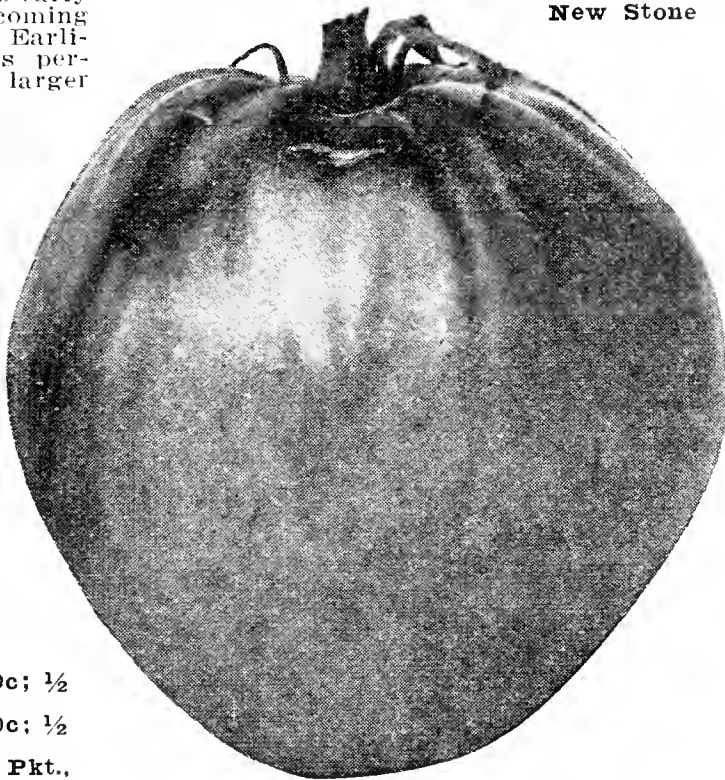
Red Pear Tomatoes



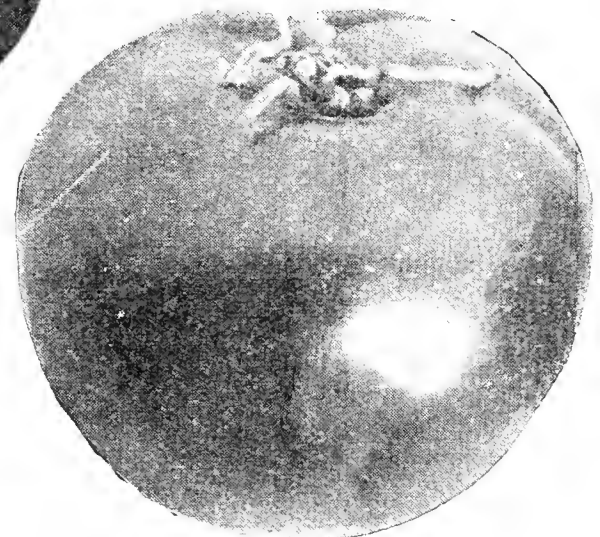
Giant Ponderosa



New Stone



Oxheart Tomato



Livingston Globe

**Special Offer On TOMATO SEEDS**

Select any 7—5c size packets for 25c.

Select any 7—10c size packets for 50c.

## Tomato Plants

Ready April 1st. We can supply the following varieties:

- |                    |                       |
|--------------------|-----------------------|
| <b>BEEFSTEAK.</b>  | <b>GULF STATE</b>     |
| <b>BONNY BEST.</b> | <b>MARGLOBE.</b>      |
| <b>BRIMMER.</b>    | <b>PONDEROSA.</b>     |
| <b>LIV. GLOBE.</b> | <b>EARLY DETROIT.</b> |
| <b>NEW STONE.</b>  |                       |

Hotbed or Seedling Stock—Prices: 25, 25c; 50, 40c; 100, 65c; 500, \$2.25, postpaid. Not prepaid: 25, 15c; 50, 30c; 100, 50c; 500, \$2.00; 1000, \$3.00.

Transplanted Hotbed Grown—Prices: Doz., 30c; 25, 50c; 50, 75c; 100, \$1.20; 200, \$1.90, postpaid. Not prepaid: Doz., 20c; 25, 40c; 50, 60c; 100, \$1.00; 200, \$1.50.

## TOMATO PLANTS—Special Varieties

**MASTER MARGLOBE**  
**PENN STATE**

**OXHEART**  
**CERTIFIED RUTGERS**

Strong hotbed plants, ready April 10th. Doz., 40c; 25, 60c; 50, 90c 100, \$1.50, postpaid. Not prepaid: Doz., 30c; 25, 50c; 50, 75c; 100, \$1.25.

## Special and Certified Tomato Seed

These as noted are certified and special stocks of seeds saved from the choicest crown picked fruits, especially desirable for market gardeners use.

10c Packet Any Variety Postpaid.

	½ oz.	1 oz.	2 oz.	¼ lb.	1 lb.
<b>CERTIFIED BONNY BEST</b> .....	\$0.30	\$0.50	\$0.80	\$1.25	\$3.75
<b>CERTIFIED PRITCHARD</b> .....	.30	.50	.80	1.25	3.75
<b>CERTIFIED MARGLOBE</b> .....	.30	.50	.80	1.25	3.75
<b>CERTIFIED MASTER MARGLOBE</b> .....	.35	.65	1.10	1.75	5.75
<b>CERTIFIED RUTGERS</b> .....	.50	.80	1.25	1.75	5.50

# Turnips



Shogoin  
or Japanese  
Louse  
Resistant  
Turnip

**Culture**—Spring sowing should be put in early, so that they will attain a good size before hot weather. For the regular crop, sow the early sorts in July or August, the later sorts during August, and the salad varieties during August and September. Sow either broadcast or in drills 2 feet apart, thinning out to 6 inches and roll the ground after sowing. Cover the seed about  $\frac{1}{2}$  inch. Sow 1 pound to acre in drills, 2 pounds broadcast.

**SHOGOIN or JAPANESE LOUSE RESISTANT TURNIP.** A new variety that is becoming very popular in the South. Especially valuable for turnip greens, which are always in good demand during the late spring and summer months in the South. The leaves grow upright, about 2 feet high when fully developed, which make it practically free from insect attacks. The roots are pure white, between flat and globe in shape; however, this wonderful new sort is more largely planted for the tops than the roots. **Postpaid, oz., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c.**

**R.-H. CO.'S AMERICAN RED TOP GLOBE.** Grown for us on contract from our own special seed stock. A perfect globe-shaped with bright red or purple top and snow-white bottom. It does not taper like other types of the same variety. This is due to the utmost care in selection when growing for seed. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 50c, postpaid.**

**EXTRA EARLY WHITE MILAN.** The earliest turnip. Tops very small, distinctly strap-leaved and growing very erect. **Postpaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 50c.**

**EXTRA EARLY PURPLE TOP MILAN.** A white variety, purple top and strap-leaf. This, with the Milan, is the earliest of all turnips. **Postpaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 50c.**

**EARLY WHITE BALL.** A quick-growing, ball-shaped, pure white variety, with short top and free from bitter taste. **Postpaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 35c; 1 lb., 50c.**

Prices on the following standard varieties of Turnip seeds, uniform as follows: **Postpaid, oz., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 5 lbs., \$1.25.**

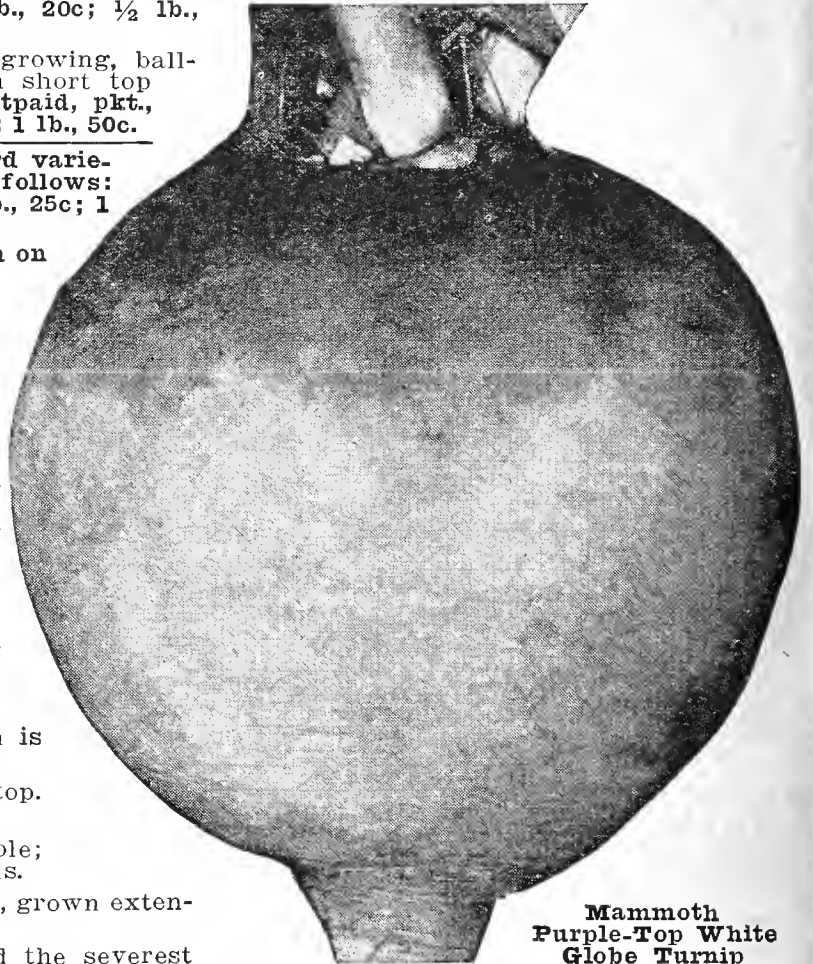
Prices on larger quantities given on our Green Ink List.

**LARGE AMBER GLOBE.** Of large size, globe-shaped, solid yellow flesh; green top.

**LONG WHITE COW HORN.** A long white turnip 12 to 15 inches in length.

**LARGE WHITE GLOBE.** A popular variety. Makes large, round white roots, flesh white, solid, sweet and fine-grained, maturing in about 75 days.

**MAMMOTH PURPLE TOP WHITE GLOBE.** One of the handsomest and most salable turnips. It is a large, rapid-growing sort, being ready for the table or market in about 65 days, with globular-shaped roots. Flesh pure white



Mammoth  
Purple-Top White  
Globe Turnip

**WHITE FLAT DUTCH STRAPLEAF.** An extra early pure white, flat growing variety.

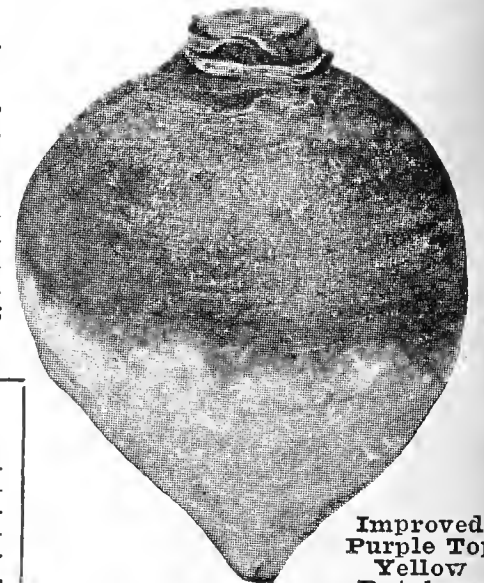
**WHITE EGG.** A quick-growing, egg-shaped, pure white variety.

**YELLOW ABERDEEN PURPLE TOP.** A splendid variety with firm, solid, yellow meat.

## RUTABAGA

**Culture**—Sow in drills or broadcast in June, July and August.

**IMPROVED PURPLE TOP YELLOW.** The finest and most profitable of all yellow, purple-top Rutabagas, being the hardiest, heaviest, best shaped and most productive. The flesh is of a beautiful color, of the choicest quality. Matures in 95 days. **Oz., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c, postpaid.**



Improved  
Purple Top  
Yellow  
Rutabaga

## GARDEN GUARD

If you are bothered with chewing or sucking insects in your garden, use Garden Guard—a non-poisonous powder. Safe and convenient to use. **1-lb. pkg., 35c; 4-lb. pkg., 75c. Postpaid, 45c and 95c.**

### Special Offer

For 25c select any 7—5c size pkts. of turnip seeds, postpaid.

For 50c select any 7—10c size pkts. of turnip seeds, postpaid.

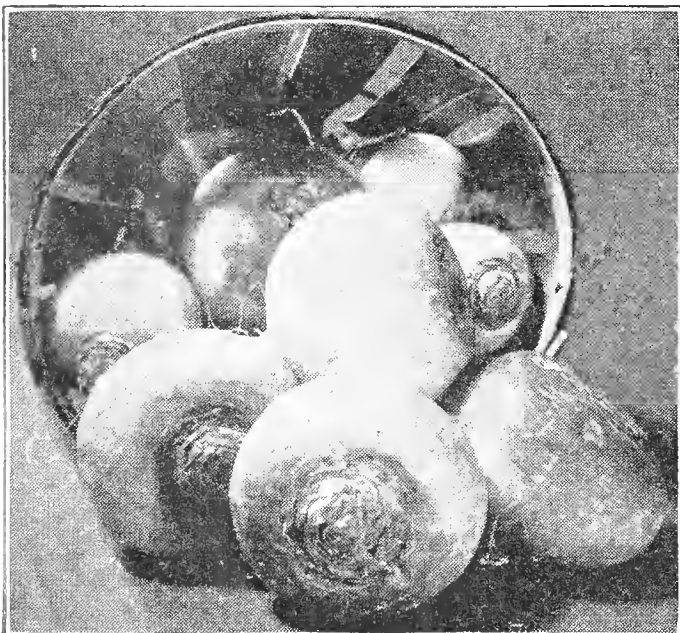
and the best flavored of all turnips, raw or cooked. The skin is white, with a purple top.

**RED or PURPLE TOP STRAPLEAF.** Flat white, with purple top. Fine-grained and tender.

**R.-H. CO.'S MIXED TURNIPS.** A general mixture; very desirable; produces greens and turnips early and late; fine for home gardens.

**SOUTHERN SEVEN TOP.** The old standard popular salad variety, grown extensively for this purpose.

**SOUTHERN PRIZE.** Forms large snow-white bulbs that stand the severest winter.



Red or Purple Top Strap Leaf

# R. H. Co.'s FLOWER SEEDS

Our stocks of flower seeds are new crop, the finest California and European grown. They are as good as can be procured from any other seedsmen. Our list is complete, containing many of the new introductions as well as all the standard varieties. Our Zinnias and Verbenas come from the house of Bodgers, the introducer of the newer varieties in these two most beautiful flowers.

## SOWING FLOWER SEEDS

**CULTURAL DIRECTIONS.** Light, rich loam is most suitable for flowers. The soil should be finely pulverized for best results. This is of paramount importance if one wishes to grow them successfully. They, in common with all other seeds, should be sown thinly and the soil pressed firmly over them and then cover lightly with damp peat moss. Water frequently. A good plan is, sow the seeds in rows about 8 inches apart, then transplant to the permanent garden later.

All Prices on Flower Seeds are Postage Paid

### Acroclinium

A pretty everlasting, bearing graceful, daisy-like flowers, pretty bright rose and white with yellow centers, which, when cut in the bud state, can be dried and used for winter bouquets. Double mixed. 1 foot. Pkt., 5c; 1/2 oz., 20c; oz., 35c.

### Ageratum

Very showy plants; bloom profusely the whole summer; fine as cut flowers; splendid for borders, ribbon beds, etc. Half-hardy annuals.

**BLUE PERFECTION.** Dwarf, compact deep blue. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

**DWARF BLUE.** Pkt., 10c; 1/2 oz., 30c; oz., 50c.

**FINEST MIXED.** Pkt., 5c; 1/2 oz., 25c; oz., 40c.

**BLUE BALL.** Compact dwarf 6 inches high, glossy Ageratum, blue flowers. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.

### Alyssum

Six to eight inches high; a fragrant, hardy annual, bearing spikes of small white flowers in great profusion.

**SWEET ALYSSUM.** Pkt., 5c; 1/2 oz., 20c; oz., 30c.

**GOLDEN YELLOW.** Hardy perennial, but blooms the first year from seed if sown early. Grows 12 inches high. Pkt., 10c; 1/2 oz., 35c; oz., 60c.

**LITTLE GEM.** 3 to 4 inches high; fine for borders. Pkt., 5c; 1/2 oz., 25c; oz., 40c.

### Amaranthus

Annual, colored foliage plants of easy culture.

**CAUDATUS (Love-Lies-Bleeding).** Very attractive; 3 feet. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

**CRUENTUS.** Showy annual, known as Princess Feather. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

**TRICOLOR.** Very attractive annual, called Joseph's Coat. Pkt., 5c; 1/2 oz., 30c; oz., 50c.

**SUNRISE.** The most brilliant of this family. The foliage is bronzy crimson with bright scarlet-carmine leaves. Pkt., 10c; 1/2 oz., 50c; 1/4 oz., 75c.

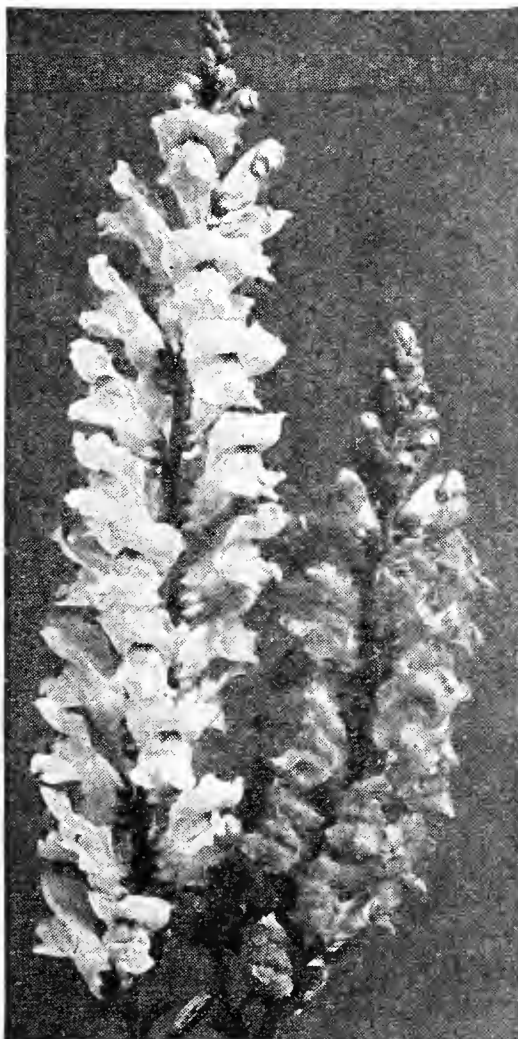
### Special Offer

Select any 7-5c packets Flower seed on this page for 25c.

Select any 7-10c packets Flower seed on this page for 50c.



Sweet Alyssum



Antirrhinum (Snapdragon)

### Antirrhinum (Snapdragon)

One of the most beautiful and useful bedding plants, blooming profusely throughout the summer. Fine for cutting. Seed sown the first week in April will bloom from July until frost.

#### RUST PROOF CALIFORNIA GIANT MIXTURE ANTIRRHINUM.

A new type of this popular flower; plants vigorous, healthy and free of any disease. Bushes even and compact in habit; 20-24 inches in height and bear long spikes of close spaced, extra large florets. This mixture comprises a full line of popular colors, shades of pink, rose, apricot bronze, orange, light and deep yellow, scarlet crimson and white. This is an excellent strain for border beds, or cutting. Price, pkt., 25c; 1/4 oz., 50c; 1/2 oz., 75c.

**MAJUS NANUS, CRIMSON.** A rich crimson Snapdragon. Pkt., 10c; 1/2 oz., \$1.00.

**MAJUS NANUS, GOLDEN QUEEN.** Beautiful golden-yellow. Pkt., 10c; 1/2 oz., \$1.00.

**MAJUS NANUS, SILVER PINK.** Satiny pink. Pkt., 10c; 1/2 oz., \$1.00.

**DWARF MIXED.** Many colors. Pkt., 10c; 1/4 oz., \$1.00; 1/2 oz., \$1.50; oz., \$2.50.

**TALL MIXED.** Many colors. Pkt., 5c; 1/2 oz., 35c; oz., 50c.

### Armeria

Dwarf growing perennial; also called Thrift or Sea Pink. Crimson flowers. 1 foot high. Pkt., 10c; 1/2 oz., \$1.00.

### Arctotis Grandis

African Daisy

It forms much-branched bushes 2 to 3 feet high; its daisy-like flowers are pure white with a gold band surrounding a pale mauve or blue center. Pkt., 10c; 1/2 oz., 40c.

### Asters

**SUPER-GIANT LOS ANGELES.** Gloriously large and showy, delicate pink. Pkt., 10c; 1/16 oz., 40c; 1/4 oz., 65c.

**MAMMOTH GIANT PEONY FLOWERED.** A beautiful double variety with extra large blossom. Finest mixed colors. Pkt., 10c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**SUNSHINE ASTER.** These have twisted and quilled petals, are very showy and attractive. All have a cushioned center of tiny quills of a contrasting color, which makes the flower look as if it were covered with snowflakes. Price, pkt., mixed colors, 10c; 1/4 oz., \$1.00.

**ALL COLORS MIXED.** A combination of all varieties, double, of globular shape and imbricated; 1 1/2 feet high. Pkt., 5c; 1/2 oz., 40c; oz., 60c.

### Asters

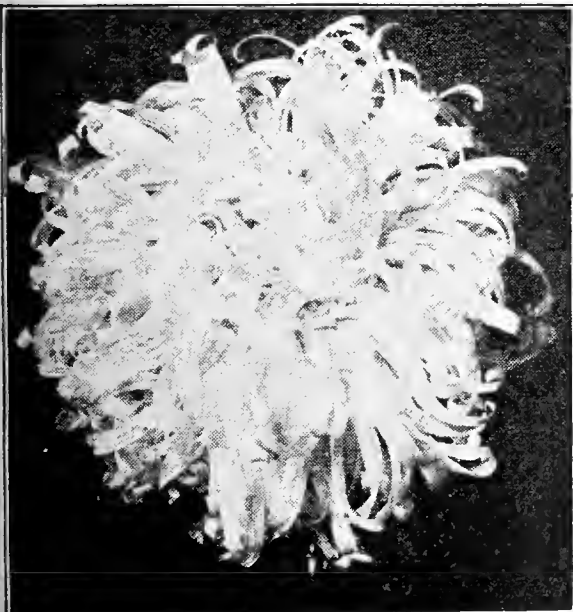
Possibly the most popular annual flower grown. It is an annual that is easy to grow. Has wonderful lasting qualities, both in the garden and as a cut flower.

**AMERICAN BEAUTY WILT RESISTANT.** Now you can grow Asters that will not wilt and die before they flower. Use this Wilt Resistant strain. Am. Beauty, crimson, carmine-rose, flesh-pink, purple, white, and mixed. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

**CHINA ASTER.** Mixed colors. Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 35c.

**GIANT COMET.** A good variety with large blossoms, the petals of which are long, narrow and curled backwards. Mixed colors. Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 60c.

**HEART OF FRANCE ASTER.** Plants of branching habit, grows 1 1/2 to 2 ft. in height, rich, ruby red in color. Pkt., 10c; 1/4 oz., \$1.00; 1/2 oz., \$1.50.



Sunshine Aster

### Bachelor's Button

Also called Cornflower. Of easy culture; sow the seed where it is to remain and thin plants to 3 or 4 inches apart. Annual.

**SINGLE MIXED.** Pkt., 5c; oz., 35c.  
**DOUBLE MIXED.** Pkt., 10c; oz., 40c.  
**SINGLE BLUE.** Pkt., 10c; oz., 40c.  
**DOUBLE PINK.** Pkt., 10c; oz., 40c.  
**DOUBLE BLUE.** Pkt., 10c; oz., 40c.

### Balsam

Transplanting two or three times has a tendency to dwarf the plants to make the flowers more double.

**DOUBLE MIXED.** Pkt., 5c; ½ oz., 20c; oz., 35c.

### Balsam Apple

Long, pear-shaped fruit with very fine, glossy green foliage. This is a pretty climber. Pkt., 5c; ½ oz., 25c; oz., 35c.

### Balloon Vine

A rapid growing climber; thrives in light soil. Pkt., 5c; ½ oz., 15c; oz., 25c.

### Blue Lace Flower

Beautiful, large, lace-like flowers, similar to wild carrot, but of a lovely delicate azure-blue gracefully poised on long stems. Sow in the hot-bed in March, and outdoors in May and again in June, and you can cut flowers until frost. Pkt., 10c; ½ oz., 40c.

### Cacalia

**TASSEL FLOWER.** A pretty free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Of easy growth; annual; 18 inches. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

### Calendula

(Pot Marigold)

Very hardy annual; 1 foot high. Have showy double flowers blooming until frost and producing fine effect in borders.

**BALL'S GOLDEN.** Deep golden yellow. Pkt., 10c; ½ oz., 30c; oz., 45c.

**ORANGE KING.** Its outstandingly rich orange flowers are fully double, well rounded, and carried on fine long stems. Pkt., 10c; ½ oz., 25c; oz., 40c.

**LEMON QUEEN.** The color is an intense rich lemon-yellow of great brilliancy. Pkt., 10c; ½ oz., 25c; oz., 40c.

**ORANGE SHAGGY.** Distinct lacinated type, deep orange, shading lighter at center. Most attractive. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c.

**RADIO.** Deep orange with quilled petals, a beautiful variety. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

**MIXED CALENDULA.** All double sorts. Pkt., 5c; ½ oz., 15c; oz., 25c.

### Candytuft

Popular small annual for general planting. Grows from 12 to 18 inches high and is fine for edging or massing in beds.

**GIANT EMPRESS.** Produces long spikes of bloom resembling a white Hyacinth. Pkt., 10c; ½ oz., 20c; oz., 30c.

**UMBELLATA.** Finest mixed. Pkt., 5c; ½ oz., 15c; oz., 25c.

**DWARF MIXED.** For borders. Pkt., 5c; ½ oz., 20c; oz., 35c.

### Calliopsis

Showy, beautiful, free-flowering annuals, excellent for cutting and massing.

**MIXED.** Pkt., 5c; ½ oz., 20c; oz., 35c.

**DWARF VARIETIES MIXED.** Pkt., 5c; ½ oz., 25c; oz., 40c.

### Canary Bird Vine

A beautiful climber with curiously shaped little canary-colored blossoms. Tender annual. Pkt., 5c; ½ oz., 20c; oz., 35c.

### Canterbury Bells

Handsome, hardy biennial of stately growth, rich color and profuse bloom. Height 2 to 3 feet.

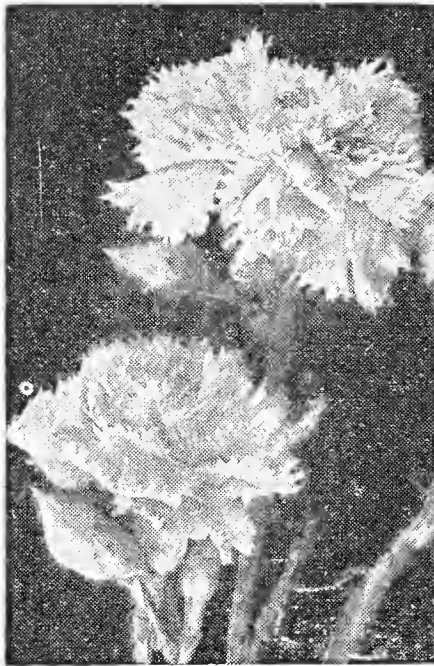
**CANTERBURY BELL.** Mixed colors. Pkt., 5c; ½ oz., 25c; oz., 40c.

**ANNUAL CANTERBURY BELL.** Blooms the first season from seed. Mixed colors. Pkt., 10c; ½ oz., \$1.00.

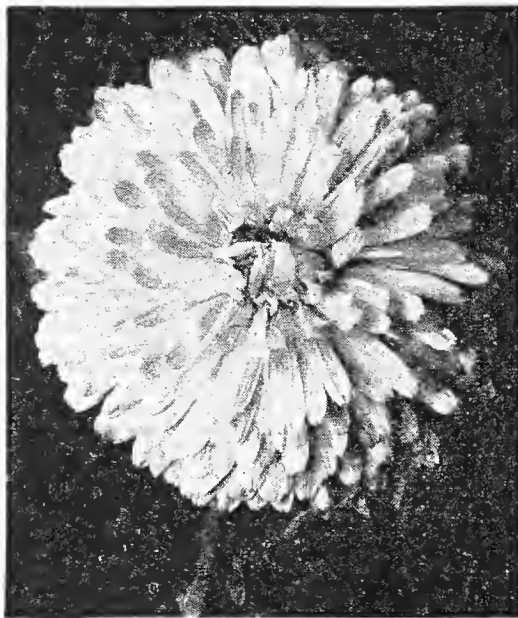
### Canna

(Indian Shot)

A very showy plant with massive foliage and clusters of brilliant blooms in tropical effect. Seed should be soaked in warm water 24 hours. Mixed colors. Pkt., 5c; ½ oz., 20c; oz., 35c.



Carnation



Orange King Calendula



Giant Empress  
Candytuft

**DOUBLE CHOICE HYBRIDS.** Mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.

**CORONARIUM, DOUBLE.** Mixed colors. Pkt., 5c; ½ oz., 25c; oz., 40c.

### Clarkia

Excellent for beds or cut flowers. Erect, bushy plants, 2 feet in height.

**DOUBLE.** Mixed, all colors. Pkt., 5c; ½ oz., 30c; oz., 50c.

**RUBY KING.** Brilliant red. Pkt., 10c; ½ oz., 35c; oz., 60c.

### Cobaea Scandens

(Cup and Saucer Vine)

A climber of rapid growth; large, bell-shaped flower. Pkt., 5c; ½ oz., 35c; oz., 60c.

### Cockscomb

The finest type of the feathered cockscomb. Huge plumes of flowers.

**DWARF MIXED.** Pkt., 5c; ½ oz., 60c; oz., \$1.00.

**EMPRESS DWARF CRIMSON.** Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

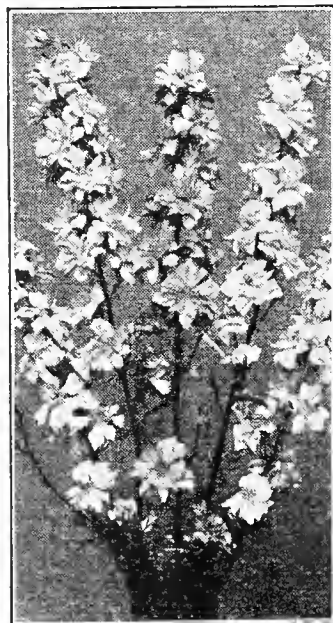
### Coleus

Probably the best known of ornamental foliage plants. Tender annual. Mixed colors. Pkt., 10c; ¼ oz., 75c.

### SPECIAL OFFER

Select any 7—5c size Packets Flower seed on this page for 25c.

Select any 7—10c size Packets Flower seed on this page for 50c.



Clarkia

### Cheiranthus

Also called Siberian Wallflower plant, 1 foot high, flowers dazzling, orange scarlet. Pkt., 10c; ½ oz., 30c; oz., 50c.

### Cardinal Climber

An annual climber and of rapid growth, attaining a height of 20 feet. Bears many small scarlet flowers. Pkt., 10c; ½ oz., 50c; oz., 80c.

### Carnation

The flowers are large, double and very fragrant. Mixed colors. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

### Castor Bean—Ricinus

Tall, large plants with large palm-like leaves of a bright green and variegated color. Makes a splendid background. Frequently used in garden borders as a prevention against moles.

**GIBSONII.** Bronzy red, green leaves. Seed pods brilliant crimson. Pkt., 10c; ½ oz., 20c; oz., 30c.

**ZANZIBARIENSIS.** Stately and tall, average height 12 ft. Beautiful foliage. Pkt., 10c; ½ oz., 15c; oz., 25c.

**MIXED.** A fine mixture, excellent for background. Pkt., 5c; ½ oz., 10c; oz., 15c.

### Chinese Woolflower

Plant grows 2 to 3 feet high; produces roundish heads like a ball of wool, of rich colors. Mixed. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

### Chrysanthemum

Free-flowering plants of branching habit, grow freely from seed, and are of easy culture, very desirable for cutting. They should be given plenty of room—from 2 to 2½ feet. Hardy annual. 1 to 1½ feet.

**Columbine**

Easily grown, old-fashioned perennial for borders.

**MIXED.** Pkt., 5c; ½ oz., 35c; oz., 60c.

**LONG SPURRED.** Mrs. Scott Elliott's Strain. Mixed colors. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

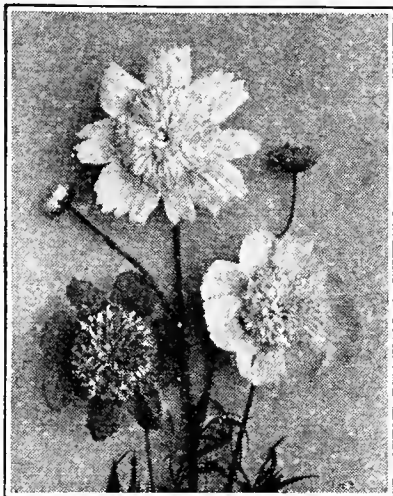
**Coreopsis**

**Lanceolata Grandiflora**

One of the finest hardy garden plants grown. 2 to 3 feet high, producing immense, long stemmed, rich yellow flowers.

**DOUBLE YELLOW.** Pkt., 5c; ½ oz., 25c; oz., 40c.

**CORNFLOWER** (See Bachelor's Button).



Double Crested Cosmos

**Cosmos**

A tall, graceful, showy annual, enjoying the widest popularity. Blooms profusely in late Summer and Autumn. Excellent for cut flowers. Plants 3 to 4 feet high.

**ORANGE FLARE.** Vivid orange in color, a beautiful shade, long wiry stems for cutting very early. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**EARLY FLOWERING.** Mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.

**GIANT FLOWERING.** Mixed. Pkt., 5c; ½ oz., 20c; oz., 35c.

**GIANT FLOWERING PINK.** Pkt., 10c; ½ oz., 25c; oz., 40c.

**GIANT FLOWERING CRIMSON.** Pkt., 10c; ½ oz., 25c; oz., 40c.

**GIANT FLOWERING WHITE.** Pkt., 10c; ½ oz., 25c; oz., 40c.

**KLONDYKE ORANGE.** Pkt., 10c; ½ oz., 40c; oz., 75c.

**DOUBLE CRESTED.** Beautiful double crested flowers. Mixed colors. Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

**DOUBLE CRESTED PINK BEAUTY.** Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25.

**Cypress Vine**

Rapid climber; fine for trellises and arbors.

**RED.** Pkt., 10c; ½ oz., 35c; oz., 50c.

**MIXED.** Pkt., 5c; ½ oz., 20c; oz., 35c.

**Dahlia**

One of our best autumn-flowering plants; blooms until killed by frost; half hardy perennial, blooming the first year from seed if sown early. They prefer rich, deep soil.

**DOUBLE MIXED.** Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

**SINGLE MIXED.** Contains many desirable shades and markings. Pkt., 5c; ½ oz., 40c; oz., 75c.

**MIGNON DWARF HYBRIDS.** Semi-double in many attractive shades. Bushing plant about 18 inches high. Pkt., 10c; ¼ oz., \$1.00; ½ oz., \$1.50; oz., \$2.50.

**Daisy Perennial**

**DOUBLE MIXED DAISY.** Pkt., 10c; ½ oz., \$1.25; oz., \$2.00.

**SHASTA DAISY.** Pure white. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**AFRICAN DAISY.** Dimorphotheca Hybrid mixed colors. Pkt., 10c; ½ oz., 50c; oz., 90c.

**Delphinium**

**DELPHINIUM — FERENNIAL LARKSFUR.** Beautiful flowers on spikes 3 to 5 feet high. Plant in semi-shade. Use Aluminum Sulphate in the soil and watch them bloom.

**BELLADONNA.** Light blue flowers, dwarf growth. Pkt., 10c; ⅓ oz., 50c; ¼ oz., 75c; ½ oz., \$1.25.

**BELLAMOSUM.** Dark blue on tall spikes. Pkt., 10c; ⅓ oz., 60c; ¼ oz., \$1.00; ½ oz., \$1.50.

**CHOICE MIXTURE,** many shades. Pkt., 10c; ⅓ oz., 40c; ¼ oz., 60c; ½ oz., \$1.00.

**SPECIAL OFFER**

Select any 7—5c packets Flower Seed on this page for 25c.

Select any 7—10c packets Flower Seed on this page for 50c.

**Eschscholtzia**

**California Poppy**

The State flower of California. A bright free-flowering plant of low-spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seeds where the plants are to remain.

**GOLDEN WEST.** Bright golden yellow.

**SALMON BEAUTY.** Rich salmon-pink.

**THE GEISHA.** Gold-orange and crimson.

Price, above three varieties: Pkt., 10c; ¼ oz., 20c; ½ oz., 35c; oz., 50c.

**MIXED COLORS.** Rich in crimson, pink and orange-scarlet shades. Pkt., 5c; ¼ oz., 15c; ½ oz., 25c; oz., 35c.

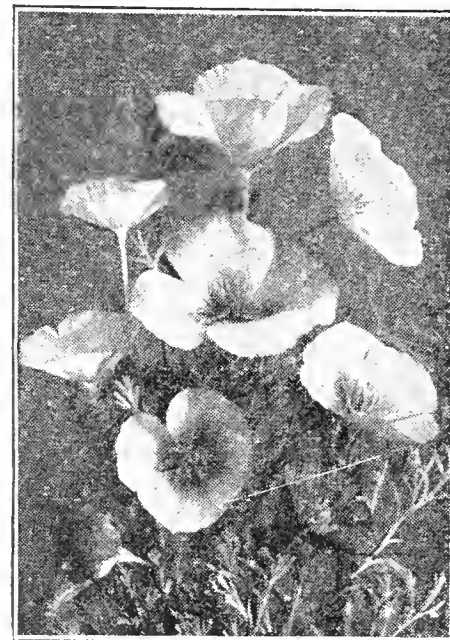
**Forget-Me-Not**

Six inches. Graceful flowers, mostly in shades of blue.

**MYOSOTIS.** Pkt., 5c; ½ oz., 50c; oz., 80c.

**CHINESE FORGET-ME-NOT** (Cynoglossum). Blue. Pkt., 5c; ½ oz., 30c; oz., 50c.

**CHINESE FORGET-ME-NOT.** White. Pkt., 5c; ½ oz., 30c; oz., 50c.



California Poppy—Eschscholtzia



Gaillardia

**Foxglove**

(Digitalis)

Grows to the height of 3 to 4 feet, with dense spikes of brilliantly colored flowers.

**GLOXINIAFLORA.** Purple. Pkt., 10c; ½ oz., 35c.

**GLOXINIAFLORA.** Showy spotted. Pkt., 10c; ½ oz., 35c.

**FINEST MIXED.** Pkt., 5c; ½ oz., 30c; oz., 50c.

**Four O'clock**

Hardy annual, 2 feet high. Mixed. Pkt., 5c; ½ oz., 10c; oz., 15c.

**Gaillardia**

(Blanket Flower)

For beds or for cutting. Hardy annual, 2 feet.

**DAZZLER.** Perennial. Intense maroon red and yellow. Pkt., 10c; ½ oz., 50c; oz., 75c.

**PICTA.** Annual. Mixed colors. Pkt., 5c; ¼ oz., 25c; ½ oz., 35c; oz., 50c.

**BURGUNDY.** New coppery scarlet perennial. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00.

**INDIAN CHIEF.** Annual bronzy red. Pkt., 10c; ½ oz., 30c; oz., 50c.

**RED AND GOLD.** Annual. Single, bicolor. Pkt., 10c; ½ oz., 25c; oz., 45c.

**Gilia**

Exceedingly graceful, known as Thimble flower. Pkt., 5c; ½ oz., 25c; oz., 40c.

**Godetia**

An attractive annual; grows 2½ feet in height. Two colors, carmine and pink. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

**Gomphrena Globe Amaranth**

Flowers resemble clover heads and when dried are used for winter bouquets.

**Pink, Rosy Pink.** Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

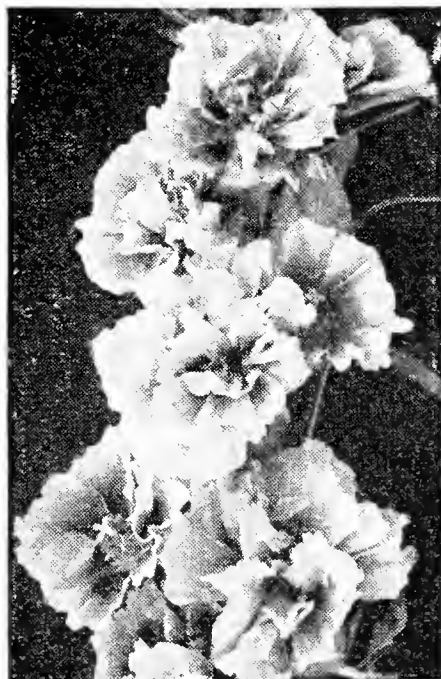
**Purple, Rich Royal Purple.** Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

**Yellow.** Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

**Mixed, All Colors.** Pkt., 5c; ¼ oz., 15c; ½ oz., 25c.

**Gourds**

A tribe of climbers with curiously shaped fruit. 10 to 12 feet high. Mixed varieties. Pkt., 5c; ½ oz., 20c; oz., 35c.



Godetia



Gypsophila—Baby's Breath

### Gypsophila

Graceful, free-flowering plant, excellent for cutting and mixing in bouquets.

**BABY'S BREATH.** Covent Garden Strain. White. Pkt., 5c; ½ oz., 15c; oz., 25c.

**ROSEA.** Pink Gypsophila. Pkt., 5c; ½ oz., 20c; oz., 35c.

**PERENNIAL.** White. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c.

### Heliotrope

Will bloom as easily from seed as any of the common annuals. Mixed. Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

### Hollyhocks

One of the most majestic and desirable of hardy perennial plants, and a clump or line in any garden gives an effect not attainable with any other plant.

Sow in April, May or June for next year's blooming.

**DOUBLE RED.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**DOUBLE PINK.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.



Double Hollyhock

**DOUBLE WHITE.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**DOUBLE YELLOW.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**IMPERATOR.** Large fringed rosette flowers in charming color combinations. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

### Hollyhocks

**DOUBLE MIXED.** All colors. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

**SINGLE MIXED.** Free flowering in gorgeous colors. Pkt., 5c; ¼ oz., 20c; ½ oz., 35c; oz., 60c.

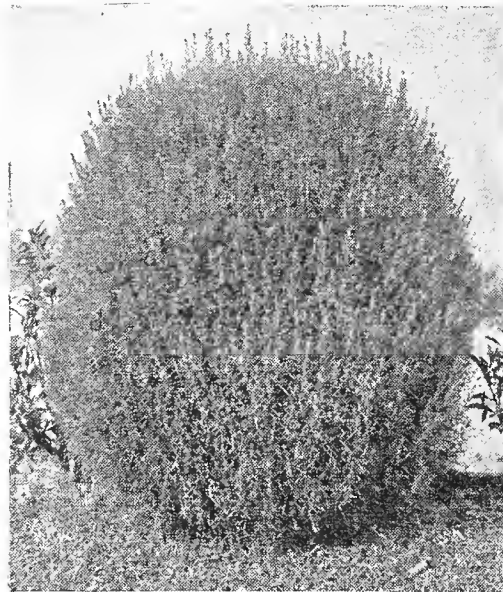
**EVERBLOOMING ANNUAL.** A new race—blossoms the first season from seed, gorgeous flowers and colors, single mixed. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c.

### Hyacinth or Jack Bean

A rapid-growing annual climber.

**Daylight.** Pure White Blossoms, very showy. Pkt., 5c; ¼ oz., 15c; ½ oz., 25c; oz., 35c.

**Mixed.** Mixed colors, very pretty. Pkt., 5c; ¼ oz., 10c; ½ oz., 15c; oz., 25c.



Kochia or Burning Bush

### Ice Plant

A handsome and curious plant for hanging baskets, rock work and vases. Pkt., 5c; ½ oz., 35c; oz., 60c.

### Job's Tears

An ornamental grass with curious shaped seeds; height 2 to 3 feet. Pkt., 5c; ½ oz., 15c; oz., 25c.

### Kochia or Burning Bush

Grows quickly from seed sown. Resembles balls of fire. Makes a good summer hedge. Pkt., 5c; ½ oz., 20c; oz., 35c.

### Kudzu Vine

A rapid growing hardy climber of great merit. Pkt., 10c; ½ oz., 50c; oz., 75c.

### Lantana

Popular, free-blooming plants. Start seeds in the house or hotbed. Tender perennial. Height, 1½ feet.

**FINEST HYBRIDS MIXED.** Pkt., 5c; ½ oz., 40c; oz., 75c.

### Lillium Phillippinense

Long white trumpet; borne in clusters, very fragrant. Will bloom in ten months from seed. Pkt., 20c; ¼ oz., 50c; ½ oz., 75c.

### Lobelia Gracilis

Very fine for hanging baskets and boxes. Pkt., 5c; ½ oz., 50c; oz., 75c.

### Lupin

Free-flowering, easily grown, having graceful spikes of rich and various colored, pea-shaped flowers; valuable for mixed borders.

**TEXAS BLUE BONNET.** Very pretty blue flowers. Pkt., 5c; ½ oz., 20c; oz., 35c.

### Annual Mixed Lupins

All colors in a beautiful mixture. Pkt., 5c; ½ oz., 15c; oz., 25c.

**PERENNIAL LUPIN.** Mixed colors. Pkt., 10c; ¼ oz., 35c; ½ oz., 50c.

### Larkspur

For bedding, for growing among shrubbery and as cut flowers, Larkspurs are strikingly beautiful. They are easy to grow and we know of no flower that will produce a greater show. By all means include an assortment of our Larkspur in your garden for early spring blooming. Early spring plantings will give blooms from July till frost. Height 2 feet, all double flowers.

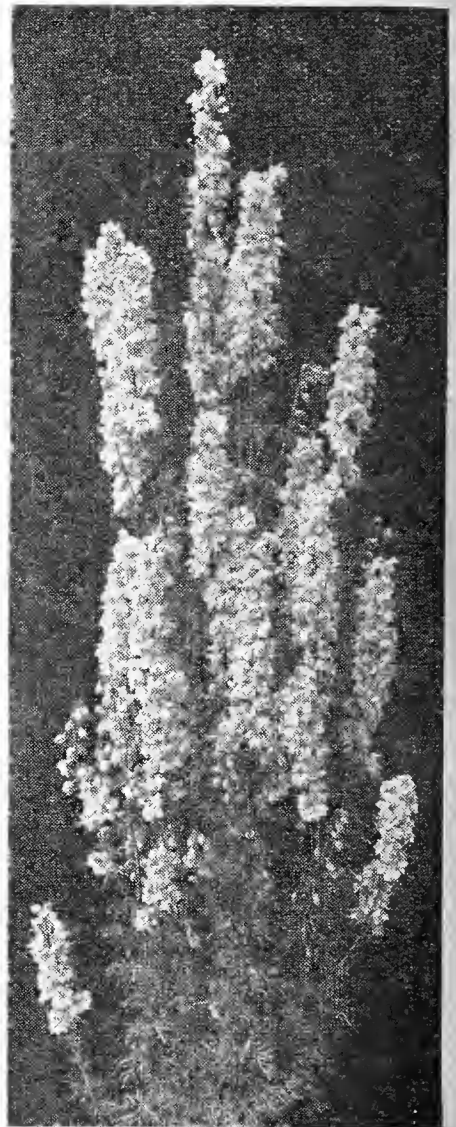
**BLUE BELL.** New azure blue, a beautiful variety and color. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

**CARMINE KING.** New deep carmine-rose. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.50.

**DARK BLUE.** Pkt., 10c; ½ oz., 35c; oz., 50c.

**BLUE SPIRE.** Imperial Larkspur, giant size. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00.

**EXQUISITE PINK.** Imperial Larkspur, a dainty shade. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c.



Miss California Larkspur

**LA FRANCE.** Very bright pink with large blooms. Pkt., 10c; ½ oz., 50c; oz., 75c.

**LOS ANGELES.** A pleasing shade of salmon-pink; new and very desirable. Pkt., 10c; ½ oz., 50c; oz., 75c.

**MISS CALIFORNIA.** Deep salmon-pink. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**ROSAMOND.** New rose self, very striking and showy, full double flowers. Pkt., 10c; ¼ oz., \$1.00; ½ oz., \$1.50; oz., \$2.50.

**SHELL PINK.** Pkt., 10c; ½ oz., 35c; oz., 50c.

**SKY BLUE.** Pkt., 10c; ½ oz., 35c; oz., 50c.

**DOUBLE SCARLET.** Pkt., 10c; ½ oz., 35c; oz., 50c.

**DOUBLE WHITE.** Pkt., 10c; ½ oz., 35c; oz., 50c.

**DOUBLE MIXED.** Pkt., 5c; ½ oz., 25c; oz., 40c.



## MARIGOLD

Marigolds are hardy annuals, in dwarf and tall varieties, growing from 6 inches to 3 feet high. The flowers are of various shades of yellow and brown. The tall varieties are excellent for tall bedding or background work, while the dwarf varieties are fine for borders. Marigolds do so well in our section you can almost call them native flowers. Easy to grow and every flower garden should have some.

**DIXIE SUNSHINE.** Brilliant golden yellow, large ball shaped flowers, fully double, a dazzling beauty in Marigold. Pkt., 25c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**GUINEA GOLD.** Brilliant orange with double ruffled petals. Produces flowers 2 to 2 1/2 inches across. Pkt., 10c; 1/4 oz., 60c; 1/2 oz., \$1.00.

**LEMON QUEEN.** Soft lemon-yellow. Pkt., 10c; 1/2 oz., 50c; oz., 90c.

**PRINCE OF ORANGE.** Rich deep golden-yellow. Pkt., 10c; 1/2 oz., 75c; oz., \$1.25.

**YELLOW SUPREME.** A beautiful pure canary yellow carnation flowered Marigold 3 to 4 inches across, vigorous and free blooming. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c; 1/2 oz., 75c.

**TALL MIXED.** Immense flowers, double. Pkt., 5c; 1/2 oz., 25c; oz., 45c.

**DWARF AFRICAN DOUBLE.** Splendid for beds and borders, grows 12 to 18 inches in height. Pkt., 5c; 1/2 oz., 30c; oz., 50c.

**DWARF FRENCH DOUBLE MIXED.** Fine for edging. Mixed colors. Pkt., 5c; 1/2 oz., 30c; oz., 50c.

**MEXICAN DWARF ORANGE.** Plants grow only 15 to 18 inches high and produce ball shaped orange blossoms in great profusion. Pkt., 10c; 1/4 oz., 50c; 1/2 oz., 75c.

**DWARF MARIGOLD.** Signata Pumilla. Striking, bright yellow flowers. Plant 10 in. high. Fine for edging. Pkt., 10c; 1/2 oz., 75c; oz., \$1.25.

## MIGNONETTE

A well known hardy annual. Fragrant flowers.

**SWEET MIGNONETTE.** Pkt., 5c; 1/2 oz., 15c; oz., 25c.

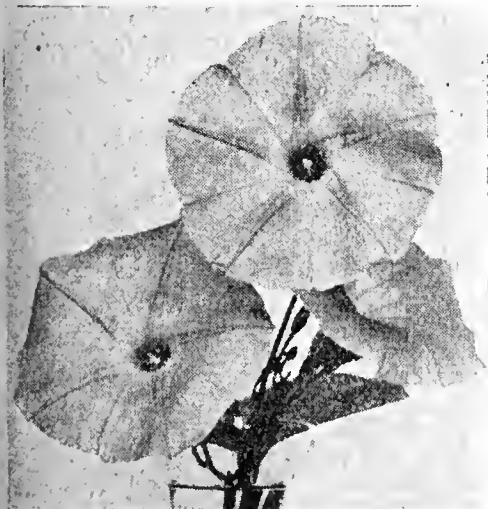
## MOONFLOWER

One of the most vigorous summer climbers and will grow under favorable conditions 30 to 40 feet. Seed should be filed or cut with a sharp knife, care being taken not to cut any deeper than the hard shell.

**WHITE MOONFLOWER.** White flowers 6 inches across. Pkt., 10c; 1/2 oz., 25c; oz., 45c.

**HEAVENLY BLUE.** Rubro Coerulea. Sky blue shading to white at center. Pkt., 10c; 1/2 oz., 50c; oz., 75c.

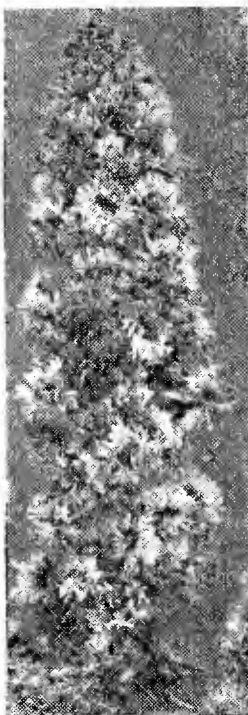
**BONA NOX.** Large blue evening Glory. Pkt., 5c; 1/2 oz., 20c; oz., 35c.



Moonflower



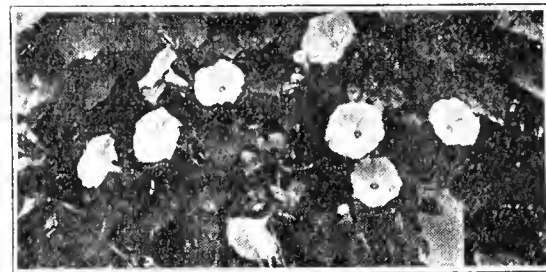
Marigold



Mignonette



Golden Glean Nasturtium



Morning Glory

## MORNING GLORY

A hardy climbing annual, growing about 10 feet high.

**CLARK'S BLUE.** Very large size. Deep blue color. Very showy. Pkt., 10c; 1/2 oz., 50c; oz., 75c.

**JAPANESE MIXED.** New, measuring from 4 to 5 inches across; great variety of colors. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

**CHOICE MIXED.** All colors. Pkt., 5c; oz., 10c.

## NASTURTIUM

Probably the most popular and easily grown flower in our list, and remains longer in bloom. In favorable soil the flowers are produced in abundance during the season. Nasturtiums prefer dry, rather rocky soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves.

### Bodgers Dwarf Double Gem Mixture

A new race, plants are truly dwarf and compact. The good size flowers are double and sweet scented and cover the bushy plants in an excellent range of colors, which are beautiful and showy. Add dwarf gem Nasturtium to your garden. They make an ideal annual for beds or borders. Pkt., 25c; 1/4 oz., 50c; 1/2 oz., 75c; 1 oz., \$1.25.

**DOUBLE GLEAM HYBRIDS.** Glorious flowers of salmon, golden yellow, orange, cerise, cream, crimson and flushed scarlet. Make a wonderful combination with the green foliage. The plants are semi-dwarf in growth and loaded with beautiful long-stemmed flowers in mixture. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

**GOLDEN GLEAM.** The plant forms a vigorous, large bush which throws out short runners, averaging eighteen inches. The large golden yellow flowers average two and one-half to three inches across. They are borne on erect, stiff stems six inches in length. Pkt., 5c; 1/2 oz., 20c; oz., 35c.

**DOUBLE SCARLET GLEAM.** The flowers are a rich, fiery scarlet, dazzling in color and the double flowers are immense in size, almost three inches across—much larger than any other Nasturtium. The sweet fragrance is well pronounced. We have the Bodger's Genuine Scarlet Gleam. You surely want to plant them this season. The growth of bush is semi-dwarf. Pkt., 10c; 1/2 oz., 35c; oz., 60c.

**DWARF CHOICE MIXED.** Contains countless shades, colors, stripes, blotches and veinings. Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 25c; 1 lb., 75c, postpaid.

**CHOICE TALL or TRAILING MIXED.** Large flowers, the plants producing a profusion of bloom. Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 25c; 1 lb., 75c, postpaid.

### SPECIAL OFFER

Select any 7—10c size pkts. Flower seed on this page for 25c.

Select any 7—10c size pkts. Flower seed on this page for 50c.

### Nemophila

Also called Baby Blue Eyes, free-flowering annual; 1 1/2 ft. high. Pkt., 5c; 1/2 oz., 25c; oz., 40c.

### Nicotiana

Sweet Scented Tobacco plant, hybrida. Mixed pkt., 5c; 1/4 oz., 35c.

## PANSIES

Our seed is of the giant imported strains.

These popular flowers thrive best on a cool, moist but well drained soil. Seeds sown early will produce fine plants for summer blooming.

**GIANT FLOWERING MIXED.** A special mixture of all Giant Pansies; contains an almost endless variety of shades. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 75c; 1/2 oz., \$1.25.

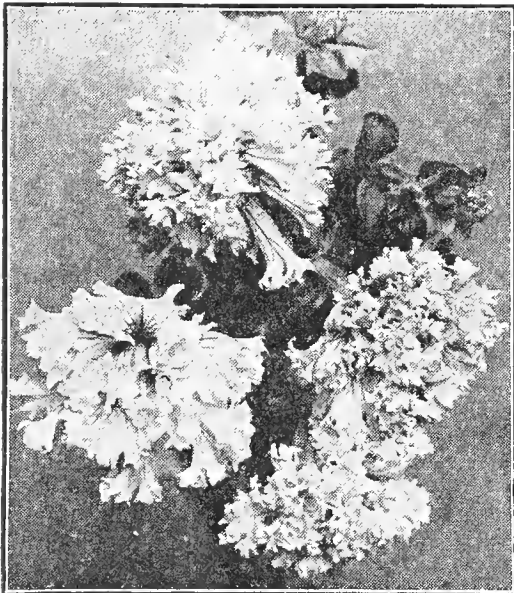
**OVERTON PARK.** Gigantic in size, with a most beautiful color variation. A striking combination that will please you. Pkt., 15c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.00; oz., \$3.50.

**ROGLI GIANT.** Huge flowers in the finest combination of mixed colors. Compact and early. Pkt., 20c; 1/8 oz., \$1.00; 1/4 oz., \$1.50; 1/2 oz., \$2.50; oz., \$4.50.

**CHOICE.** A splendid mixture. Pkt., 5c; 1/2 oz., 75c; oz., \$1.25.

## PETUNIAS

Petunias are one of our specialties and we pride ourselves on having the best types procurable; types that are adapted to our section of the country. Unsurpassed for massing in beds, they are also used along the walks and driveways, and can be used very extensively in window boxes. Sow seed early in the spring.



Giant Mixed Petunias

**BALCONY.** A splendid large and free-flowering type, either for vases, hanging baskets or window boxes.

Balcony Blue. Balcony Rose.  
Balcony White. Balcony Mixed.  
Pkt., 15c; 1/8 oz., 75c; 1/4 oz., \$1.25.

## Bedding Petunias

**FLUFFY RUFFLES.** Dwarf compact ruffled plant covered with exquisite blush pink veined dark pink flowers fine for boxes or beds. Pkt., 25c.

**BLUE BEE.** A beautiful Viola Jersey Gem color. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 75c.

**COUNTRESS OF ELLSMERE.** Single deep rose-pink with white throat; desirable bedding variety. Pkt., 10c; 1/4 oz., 50c; oz., \$1.50.

**GENERAL DODD.** Single deep rich velvety red; fine bedder. Pkt., 10c; 1/4 oz., 50c; oz., \$1.50.

**HOWARD'S STAR.** Distinct star-shaped. Mixed. Pkt., 10c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**PINK GEM.** First of a new race of miniature Petunias. Deep pink. Pkt., 10c; 1/8 oz., \$1.00; 1/4 oz., \$1.50.

**ROSE OF HEAVEN.** Dwarf sort; a rich pink color. Pkt., 10c; 1/4 oz., 75c; oz., \$2.00.

**ROSY MORN.** Soft carmine-pink with white throat. Dwarf, compact, free-flowering and showy. Pkt., 10c; 1/4 oz., 75c; oz., \$2.00.

**SILVER BLUE.** A dwarf Compacta Petunia of steel blue color. Pkt., 10c; 1/8 oz., \$1.00; 1/4 oz., \$1.50.

## Bedding Petunias

**PURE WHITE.** This is of the Hybrid type, being of excellent size and pure white. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 75c.

**STRIPED AND BLOTCHED.** Includes striped or fine mixed flowers in a wide range of colors. Pkt., 10c; 1/4 oz., 75c; oz., \$2.00.

**VIOLET PURPLE.** A beautiful shade of purple; very showy. Pkt., 10c; 1/4 oz., 75c; oz., \$2.00.

**CHOICE SINGLE MIXED.** Good mixture of all free-blooming colors. Pkt., 5c; 1/4 oz., 25c; oz., 75c.

**GIANT MIXED.** Large flowering Grandiflora, all colors mixed. Pkt., 10c; 1/4 oz., 50c; oz., \$1.25.

**GIANTS OF CALIFORNIA, MIXED COLORS.** A special strain of this popular giant flowered Petunia. Flowers up to 6 inches across and in many lovely shades. Pkt., 20c.

**DOUBLE MIXED.** Produces finest and largest blooms. Pkt., 25c.

## Dwarf Compacta

### Petunias

Excellent for borders, flowers all summer.

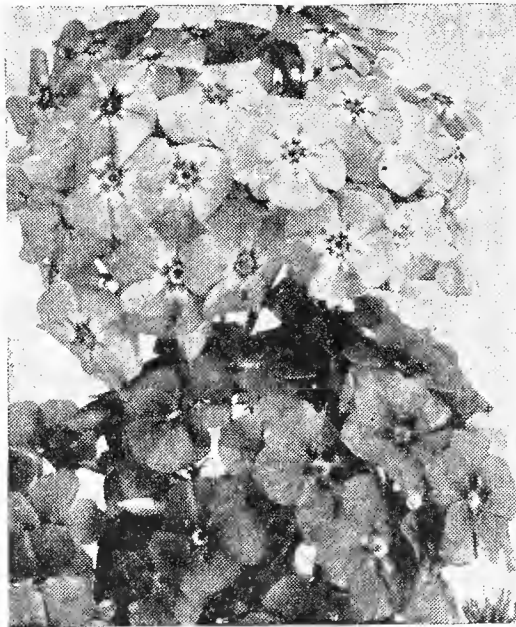
**BLUE BEDDER.** Rich royal blue, free flowering. Dwarf in growth. Pkt., 10c; 1/16 oz., 75c; 1/4 oz., \$1.25.

**DWARF WHITE.** Snow white flowers. Plants bushy and compact. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 75c.

**MIXED COMPACTA.** Dwarf Plants in mixed colors. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 60c.

## Phlox Drummondii

The annual Phlox occupies first place as a garden annual, being one of the most brilliant and most satisfactory plants which can be readily grown from seed.



Mammoth Flowering Phlox

**CHOICE MIXED.** Contains fine select varieties of this showy annual. Pkt., 5c; 1/2 oz., 40c; oz., 75c.

**MAMMOTH FLOWERING MIXED.** Pkt., 10c; 1/2 oz., 75c; oz., \$1.25.

**FIREBALL.** Flowers large, blood-red. Pkt., 10c; 1/4 oz., 50c.

**SNOWBALL.** Large, clear white flower. Pkt., 10c; 1/4 oz., 50c.

**STAR OF QUEDLINBURG.** Curiously pointed and blossoms having a star-like form, mixed colors. Pkt., 10c; 1/4 oz., 50c.

**PERENNIAL MIXED COLORS.** Pkt., 10c; 1/4 oz., 75c.

## Dwarf Phlox

Most excellent for borders or bedding. Plants dwarf, compact, 8 inches in height.

DWARF PURPLE.  
DWARF SCARLET.  
DWARF SALMON SCARLET.  
DWARF YELLOW.  
DWARF SNOWBALL.  
DWARF MIXED COLORS.  
Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 75c; 1/2 oz., \$1.25.

## Pinks (Dianthus)

Hardy and half-hardy biennials and perennials, but nearly all blooming the first year from seed; of easy culture.

**CHINA DOUBLE MIXED.** A beautiful combination of colors. Pkt., 5c; oz., 50c.

**DOUBLE DIADEM.** A most brilliant mixing of colors. Pkt., 5c; 1/2 oz., 35c; oz., 70c.

**HEDDEWIGI DOUBLE MIXED.** Flowers large and double and of brilliant colors. Pkt., 5c; 1/2 oz., 35c; oz., 60c.

**CLOVE PINK.** (Plumarius.) Sweet-scented, spicy fragrance. They are excellent hardy plants. Pkt., 10c; 1/2 oz., 50c; oz., \$1.00.

**PHEASANT'S EYE OR GRASS PINK.** A hardy perennial pink. Pkt., 10c; 1/2 oz., 40c; oz., 60c.

**SWEET WIVELSFIELD.** Blooms the first season from seed. A showy variety in many colors. Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c; oz., \$1.00.

## POPPIES

Of easy culture and they furnish some of the most brilliant colors in the garden. Being very hardy, they can be sown as early in the spring as the ground is in working order.



Double Carnation Flowered Poppy

**DOUBLE RED.** Fine scarlet shade. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

**DOUBLE PINK.** Pkt., 10c; 1/2 oz., 30c; oz., 50c.

**FLANDERS.** Vivid red, well known Poppy of Flanders. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

**DOUBLE SALMON ROSE.** A showy rose-pink color. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

**DOUBLE CARDINAL.** Pkt., 10c; 1/2 oz., 35c; oz., 60c.

**DOUBLE CARNATION FLOWERED.** Pkt., 5c; 1/2 oz., 15c; oz., 25c.

**DOUBLE PEONY FLOWERED.** Mixed. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

**SHIRLEY.** Single, beautiful colors mixed. Pkt., 5c; 1/2 oz., 20c; oz., 35c.

**DOUBLE SHIRLEY.** A new double Shirley, mixed. Pkt., 10c; 1/2 oz., 35c; oz., 60c.

**DOUBLE FINE MIXED.** Combination of all varieties. Pkt., 5c; 1/2 oz., 20c; oz., 35c.

## Perennial Poppy

**MIXED ORIENTAL.** Pkt., 10c; 1/2 oz., 50c; oz., 75c.

**SCARLET ORIENTAL POPPY.** Pkt., 10c; 1/2 oz., 45c; oz., 75c.

**ICELAND PERENNIAL.** Mixed colors. Pkt., 10c; 1/2 oz., 50c; oz., 80c.

**SUNBEAM ICELAND POPPY.** Mixed. Pkt., 10c; 1/2 oz., 60c; oz., \$1.00.

**CALIFORNIA POPPY.** See Escholtzia on page 41.

### SPECIAL OFFER

Select any 7-5c size pkts. Flower seed on this page for 25c.

Select any 7-10c size pkts. Flower Seed on this page for 50c.

**Physostegia**

Attractive in foliage and flower. Perennial, lavender pink. Pkt., 10c; 1/2 oz., 75c; oz., \$1.25.

**Platycodon**

Large bell-shaped flowers, plants 12 to 15 inches high, an excellent perennial for cutting. Blue flowers. Pkt., 10c; 1/4 oz., 50c; 1/2 oz., 75c.

**Portulaca**

Also called Rose Moss. Annual. 6 inches. **SINGLE MIXED.** Pkt., 5c; 1/2 oz., 35c; oz., 60c. **DOUBLE MIXED.** Pkt., 10c; 1/4 oz., 75c.

**Pyrethrum**

**ROSEUM.** The Painted Daisy. A charming flower. Double varieties. Pkt., 10c; 1/4 oz., 75c; oz., \$1.50.

**Rudbeckia**

Free flowering hardy perennial, also called Cone-flower, golden yellow with black center. Pkt., 10c; 1/4 oz., 50c; 1/2 oz., 75c.

**Salpiglossis**

These annuals have showy large, funnel-shaped flowers. Mixed colors. Pkt., 5c; 1/2 oz., 60c; oz., 75c.

**Salvia or Scarlet Sage**

Start early indoors and transplant in May; or sow outdoors later in a light rich soil. Soak seeds before planting.

**CLARA BEDMAN.** Flowers of a most brilliant scarlet. Pkt., 10c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**SPLENDENS.** (Scarlet Sage.) The scarlet variety. Pkt., 10c; 1/4 oz., 60c; 1/2 oz., \$1.00.

**ZURICH.** Very compact flowers. Most brilliant crimson. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 70c; 1/2 oz., \$1.35.

**PATENS** (Blue Sage). In color this is as blue as the "Scarlet Sage" is red. Tender perennial, 2 feet. Pkt., 10c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**Scabiosa**

A very showy, hardy annual. Very easy to grow. Mixed. Pkt., 5c; 1/2 oz., 35c; oz., 50c.

**GIANT HYBRIDS** (Isaac House Strain). Large double flowers borne on long stems. Splendid for cutting. Colors range from light lavender to dark blue. Choice mixed. Pkt., 10c; 1/4 oz., 50c.

**Scarlet Runner Vine**

A great favorite as an ornamental climber. Pkt., 5c; oz., 10c.

**Schizanthus**

Also known as the Poor Man's Orchid. Valuable for garden decoration or pot culture; 15 to 20 inches in height. Annual, mixed colors. Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 60c.

**Sensitive Plant**

The lace-like leaves close when touched. Quite a curiosity. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c; oz., 75c.

**Snow-on-the-Mountain**

Used as a background for low-growing plants, 2 feet high. Pkt., 5c; 1/2 oz., 30c; oz., 50c.

**Statice**

Also called Sea Lavender and belongs to the Thrift family.

**CHOICE MIXED.** Pkt., 5c; 1/2 oz., 20c; oz., 35c. **SEPARATE COLORS.** Deep rose, true blue, deep yellow, white. Pkt., 10c; 1/2 oz., 25c; oz., 40c.

**Stocks**

Useful annuals for bedding, borders, cut flowers and pot culture.

**LARGE FLOWERING TEN WEEKS.** A fine large-flowering strain of many colors. Pkt., 10c; 1/2 oz., 60c; oz., \$1.00.

**DOUBLE PERFECTION.**

Very large-flowering, double fragrant flowers, mixed colors. Pkt., 10c; 1/4 oz., 50c; 1/2 oz., 75c; oz., \$1.25.



Strawflower Helichrysum

**Strawflower Helichrysum**

A hardy annual of the easiest culture; one of our best "Everlasting" flowers, the dried double blooms being very handsome in winter bouquets; 2 feet. Separate colors: Crimson, pink, purple, yellow. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 60c.

**MIXED STRAWFLOWER.** Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 35c; oz., 50c.

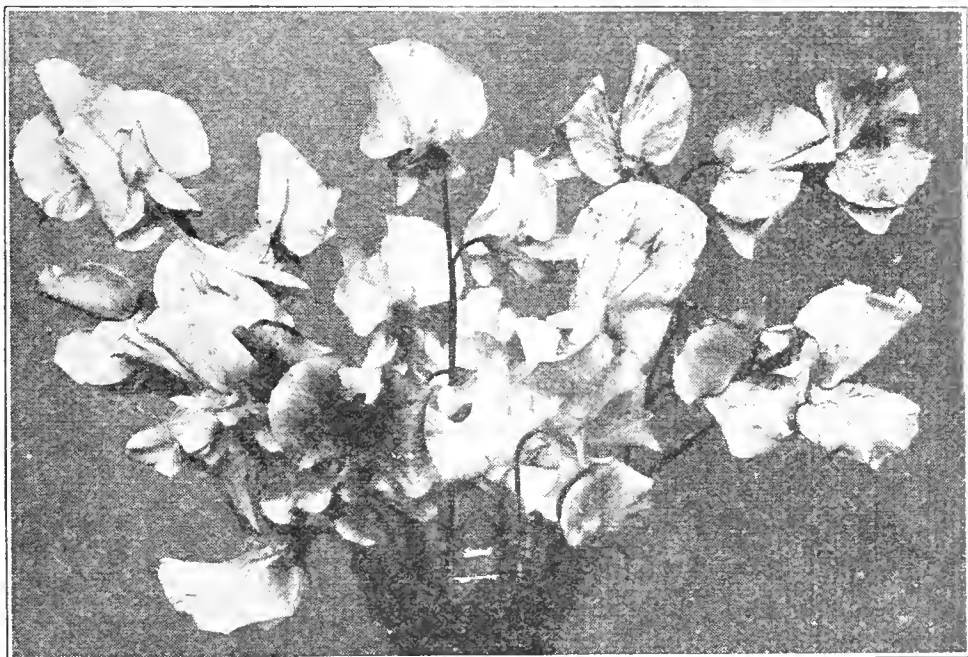
**Special Offer**

Select any 7—5c size pkts. Flower Seed on this page for 25c.

Select any 7—10c size pkts. Flower Seed on this page for 50c.

**R.-H. Co.'s Sweet Peas**

**Culture**—Sow in January, February, March or April. Cover seed 2 to 4 inches, according to depth of your trench. The soil for Sweet Peas should be rich and deep, with Pulverized Sheep Manure in it. On high and dry soils they may be sown in drills from 4 to 6 inches deep, covered with an inch or two of soil pressed firmly, and the furrow filled in as the plants grow. When the plants are well above the ground, they should be thinned out so as to be at least from 2 to 4 inches apart.



**Named Giant Spencers**

Of the hundreds of Orchid-flowered or Spencer Sweet Peas introduced in the last few years, we offer this season what we consider the very choicest and most distinct varieties, each one of which is a leader in its respective color, and sure to give entire satisfaction.

Pkt., 10c; oz., 20c; 2 oz., 35c; 1/4 lb., 60c; 1/2 lb., \$1.00; 1 lb., \$1.75, postpaid.

- Austin Frederick.** Pure lavender.
- Avalanche.** Large white.
- Charity.** Rich Carmine.
- Celebrity.** Bright orange.
- Chieftain.** Deep mauve.
- Ecstasy.** Blush pink.
- Fortune.** Purple-blue.
- Glen Eagles.** Light lavender.
- Idyl.** Salmon-pink.
- Miss California.** Deep pink.
- Master Cream.** Cream yellow.
- Mrs. Tom Jones.** Bright rich blue.
- Olympia.** Rich purple.
- Picture.** Pink-apricot.
- Pinkie.** Rose-pink.
- Red Boy.** Deep crimson.
- Rosabella.** Giant rose.
- Smiles.** Salmon shaded.
- The Sultan.** Black-maroon.
- Welcome.** Bright scarlet.

**Special Offer**

One packet each of any 6 above varieties, postpaid... \$0.35  
 One packet each of any 12 above varieties, postpaid... .65  
 One packet each of above 20 varieties, postpaid... 1.00

**Named Early Flowering Spencer Sweet Peas**

Pkt., 10c; 1/2 oz., 25c; oz., 40c; 2 oz., 70c; 1/4 lb., \$1.25; 1 lb., \$4.50, postpaid.

- Early Amethyst.** Rich purple.
- Early Giant Rose.** Rose-pink.
- Early Attraction.** Begonia-pink.
- Early Blue Bird.** Clear blue.
- Early Fortyniner.** Bright orange.
- Early Harmony.** Clear lavender.
- Early Queen Crimson.** Oxblood-red.
- Early White Harmony.** Finest white.

One packet each of above 8 varieties only 60c, postpaid.

**R.-H. Co.'s Giant Mixed Spencers**

Our own combination comprising all the most desirable colors including many new varieties that will produce giant flowers, satisfaction guaranteed. Pkt., 5c; oz., 15c; 2 oz., 25c; 1/4 lb., 50c; 1/2 lb., 75c; 1 lb., \$1.25, postpaid.

**Early Flowering Mixed Spencers**

These bloom earlier than the standard Spencers, a rare combination of the early flowering sorts in mixture. Pkt., 10c; oz., 20c; 2 oz., 35c; 1/4 lb., 65c; 1/2 lb., \$1.25; 1 lb., \$2.25, postpaid.

**Large Flowering Grandiflora Mixed**

This is a special blend of the old-fashioned Grandiflora Sweet Pea and consists of the better named varieties of this type. Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 75c, postpaid.

**Cupid Mixed**

These grow compact, dwarf and are showy, very pretty. Pkt., 10c; oz., 25c; 2 oz., 35c; 1/4 lb., 65c; 1/2 lb., \$1.25; 1 lb., \$2.25, postpaid.

**Perennial Mixed**

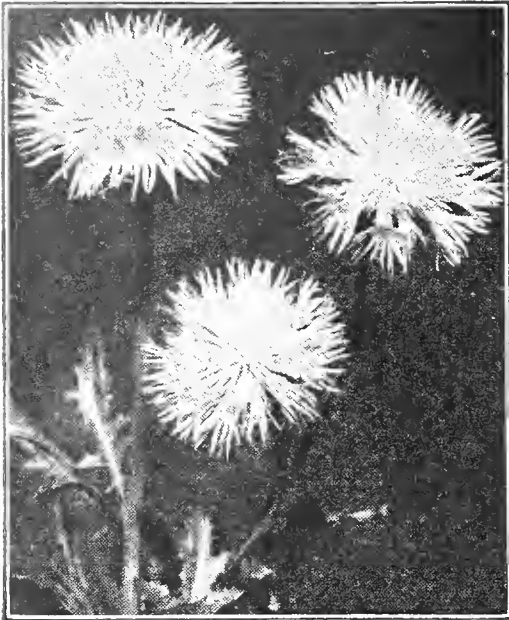
The hardy type, also called the Everlasting Sweet Peas, red and white colors. Pkt., 10c; 1/2 oz., 25c; oz., 45c; 2 oz., 75c; 1/4 lb., \$1.25; 1/2 lb., \$2.00, postpaid.

**Inoculate Sweet Peas**

Be sure to inoculate the Sweet Pea seed before planting. The flowers will be larger and the stems will be longer. Per bottle, 25c, postpaid.

**Spencer Sweet Pea Collection**

Our Selection 10 Packets, no Two Alike. Named Giant Spencer Sweet Peas, 60c, postpaid.



Sweet Sultan

**Sunflower**

Large and showy yellow flowers; hardy annuals.  
**DOUBLE DWARF.** 4 feet. Pkt., 5c; ½ oz., 20c; oz., 35c.  
**GLOBE OF GOLD.** 4½ feet. Pkt., 5c; ½ oz., 20c; oz., 35c.  
**DOUBLE TALL.** 7 feet. Pkt., 5c; ½ oz., 20c; oz., 35c.

**Sweet Sultan**

Beautiful scented blooms. Height 2½ feet.  
**CENTAUREA IMPERIALIS.** Sweet Sultan. Pkt., 5c; ½ oz., 30c; oz., 50c.  
**CENTAUREA MOSCHATA.** Sweet Sultan. Pkt., 5c; ½ oz., 30c; oz., 50c.

**Sweet William**

If sown early will bloom the following fall; fall sowings bloom the next summer. Height 1½ ft.  
**NEWPORT PINK.** Solid pink, large flowers. Pkt., 10c; ½ oz., 25c; ¼ oz., 35c; ½ oz., 50c.  
**SCARLET BEAUTY.** Immense heads of striking intense scarlet. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.  
**SINGLE.** Mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.  
**DOUBLE.** Mixed. A mammoth-flowered type. Pkt., 5c; ½ oz., 35c; oz., 60c.

**Texas Blue Bonnet**

Flowers delightful blue, charming bushy plants. Pkt., 5c; ½ oz., 25c; oz., 40c.

**Thunbergia**

A climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers, having a distinct black center. Tender annual. Pkt., 10c; ½ oz., 40c; oz., 75c.

**Wild Flower Garden Mixture**

Not a tame garden of wild flowers, but a wild garden of tame flowers. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.

**Cut-Flower Mixture**

This is a splendid combination of all seeds that can be used for cut flowers, a grand mixture of everything you will like. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.

**SPECIAL OFFER**

Select any 7—5c size packets Flower seed on this page for 25c.

Select any 7—10c size packets Flower seed on this page for 50c.

**Titonia**

A rare plant from Mexico, grows tall, fine for background of beds. Also known as the Mexican Sunflower. Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

**Torenia**

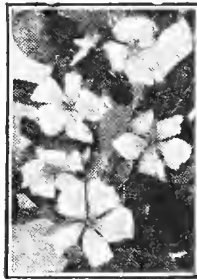
Excellent for beds; flowers blue, touched with gold, plant 10 inches in height. Pkt., 10c; ½ oz., 30c; ¼ oz., 50c.

**Venidium Fastuosum**

Deep orange daisy-like flowers, 4-5 ins. across with double row of petals marked at the center with reddish brown. Plants 2-3 ft. blooming over a long period. Pkt., 10c; ½ oz., 75c; ¼ oz., \$1.25.

**VINCA (Periwinkle)**

Ornamental free-blooming plants with bright green shiny foliage and one of the most satisfactory and long-flowering bedding plants we have. It is best to start the seed early indoors or in the hotbed, but can be sown out of doors in May, or as soon as the ground is warm.



Vinca

**MIXED COLORS.** Pkt., 10c; ½ oz., 60c; oz., 75c.  
**ALBA.** Pure white. Pkt., 10c; ½ oz., 60c; oz., \$1.00.  
**ROSEA.** Pink. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

**Viola**

Also known as Tufted Pansies. Mixed colors. Pkt., 10c; ½ oz., 60c; oz., \$1.00.



Sweet William

**Wallflower**

Very conspicuous in beds or borders. Single mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.

**Wild Cucumber Vine**

Ornamental climbing cucumber with curious fruit. Pkt., 5c; ½ oz., 20c; oz., 35c.



Giant Mixed Verbena

**Verbenas**

Are indispensable for bedding purposes, borders and window boxes. Flowers of most brilliant colors, blooming from early summer till late fall. Soak a few hours and sow in boxes indoors, transplanting when an inch high or sow outside in April.

We are offering this year a new type of Verbenas, with the same characteristics as the old type except each flowerlet in the cluster is much larger. The old type having flowerlets of about the size of a ten-cent piece, while the new type is of the size of a twenty-five-cent piece. By all means order a few packets of this new strain of Verbenas.

**BEAUTY OF OXFORD.** Immense rosy red blossoms. This is the hardy type; with a slight protection they live from year to year. Pkt., 10c; ½ oz., 50c; ¼ oz., 75c.  
**CARDINAL GIGANTEA.** New cardinal-scarlet with white eye. Pkt., 10c; ½ oz., 40c; ¼ oz., 60c.  
**HELEN WILLMOTT.** New shade of deep pink, very showy. Pkt., 10c; ½ oz., 40c; ¼ oz., 60c.  
**LAVENDER GLORY.** New shade of lavender, gigantic flowers. Pkt., 10c; ½ oz., 50c; ¼ oz., 75c.  
**LUMINOSA.** Mammoth pink. Pkt., 10c; ½ oz., 35c; ¼ oz., 50c.  
**SALMON PINK.** A beautiful shade, produces giant flowers. Pkt., 10c; ½ oz., 30c; ¼ oz., 50c.  
**SPECTRUM RED.** A new variety, the most gorgeous intense bright red shade. Pkt., 10c; ½ oz., 60c; ¼ oz., \$1.00.

**MAMMOTH PINK.** Pkt., 10c; ½ oz., 75c.  
**MAMMOTH BLUE SHADES.** Pkt., 10c; ¼ oz., 75c.  
**MAMMOTH CRIMSON.** Pkt., 10c; ½ oz., 75c.  
**MAMMOTH PURPLE.** Pkt., 10c; ½ oz., 75c.  
**MAMMOTH WHITE.** Pkt., 10c; ½ oz., 75c.  
**CHOICE MIXED.** Embraces all colors. Pkt., 5c; ¼ oz., 50c; oz., 80c.  
**GIANT MIXED.** The clusters are of mammoth size. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**DWARF COMPACTA.** Most desirable for edging or rock gardens. Very compact, erect plant. 10 inches in height. Pkt., 10c; ½ oz., 35c; ¼ oz., 50c.

**Verbena Collection**

8 Packets for Only 50c

One each of the following Verbena seed sent to any address for only 50c.  
 Mammoth Crimson Mammoth White  
 Mammoth Blue Salmon Pink  
 Mammoth Pink Cardinal Gigantea  
 Mammoth Purple Lavender Glory  
 No changes allowed in above assortment.

**R. H. Co.'s Top Notch Flower Seed Collection**

17 varieties of flower seeds for spring planting, especially adapted for this section.

For only 50c

One packet each of the following:

- Aster. All Colors Mixed.
- Alyssum. Sweet.
- Balsam. Lady Slipper.
- Calendula. Pot Marigold.
- Cosmos. Choice Mixed.
- Gaillardia. Annual.
- Larkspur. Double Mixed.
- Marigold. Tall Mixed.
- Nasturtium. Choice Dwarf Mixed.
- Pansy. Choice Mixed.
- Petunia. Choice Mixed.
- Phlox. Choice Mixed.
- Poppy. Peony Flowered Mixed.
- Sweet Peas. Spencer Mixed.
- Verbena. Choice Mixed.
- Snap Dragon. Tall Mixed.
- Zinnia. Choice Double Mixed.

Postage paid, no changes allowed in the assortment.

# Russell-Heckle's Zinnias

Few garden annuals are more thoroughly satisfactory than Zinnias, particularly in recent years. Greatly improved, larger flowering and more brilliantly colored strains have been developed. Plant early in rows 1½ to 2 feet apart and cover seeds about ¼ inch deep, or start indoors and transplant outside when the ground is warm. Zinnias can be sown as late as July and they will produce fine large flowers in the fall.

## California Giant Zinnias

The great advantage of this magnificent type is its enormous flat double flowers, sometimes measuring 7 inches in diameter, getting away from the conical shape and stiffness that has been the only objection to Zinnias in the past. They are twice the size of ordinary Giants, prolific bloomers, have great color range and make good cut flowers from early bud to late bloom. Inseparate colors.

Price of any of the following separate varieties: **Packet, 10c; 3 pkts., 25c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.**

- |  |                                      |
|--|--------------------------------------|
| <b>Brightness.</b> Clear pink.         | <b>Orange King.</b> Orange-scarlet.  |
| <b>Cerise Queen.</b> Cerise-rose.      | <b>Orange Queen.</b> Golden orange.  |
| <b>Daffodil.</b> Canary-yellow.        | <b>Purity.</b> The best clear white. |
| <b>Enchantress.</b> Rose, deep center. | <b>Rose Queen.</b> Brightest rose.   |
| <b>Grenadier.</b> Dark red.            | <b>Salmon Queen.</b> Salmon-pink.    |
| <b>Lavender Gem.</b> Deep lavender.    | <b>Scarlet Gem.</b> Deep scarlet.    |
| <b>Lemon Queen.</b> Golden yellow.     | <b>Violet Queen.</b> Deep purple.    |
| <b>Miss Willmott.</b> Soft rich pink.  |                                      |

### SPECIAL OFFER

One packet each of above fifteen California Giant Zinnias, regular value \$1.50, for only \$1.00, postpaid.

**MIXED CALIFORNIA GIANT ZINNIAS.** All the glorious colors. **Pkt., 10c; 3 pkts., 25c; ¼ oz., 30c; ½ oz., 50c; oz., 80c.**

Select any 7—5c size pkts. Flower seed on this page for 25c.  
Select any 7—10c size pkts. Flower seed on this page for 50c.

**FANTASY MIXED ZINNIA.** Medium size blooms with shaggy like petals, color ranges include red, yellow, orange, pastel pinks and creams. Free flowering plants, 2 to 2½ feet tall. **Pkt., 10c; ¼ oz., 40c; ½ oz., 60c.**

**CROWN O'GOLD ZINNIA.** Two-tone color harmony in each flower; overlaid with golden yellow at base and carries out individual flower color at the tip. We can supply these two varieties.

**DESERT GOLD.** Yellow shade overlaid with deeper golden-yellow. **Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00.**

**CROWN O'GOLD MIXTURE.** **Pkt., 10c; ¼ oz., 40c; ½ oz., 75c; oz., \$1.25.**

## Scabiosa-Flowered Zinnias

A new form, the outside petals are similar to the Scabiosa or Pincushion Flower. They are distinct and novel in appearance. Plants 2 to 2½ feet. Mixed colors. **Pkt., 10c; ¼ oz., 35c; ½ oz., 50c; ½ oz., 75c.**

## Pumila Picotee Delight Zinnias

A beautiful strain. Petals curled, picotee markings.

**SALMON ROSE.** **Pkt., 10c; ¼ oz., 40c; ½ oz., 60c.**

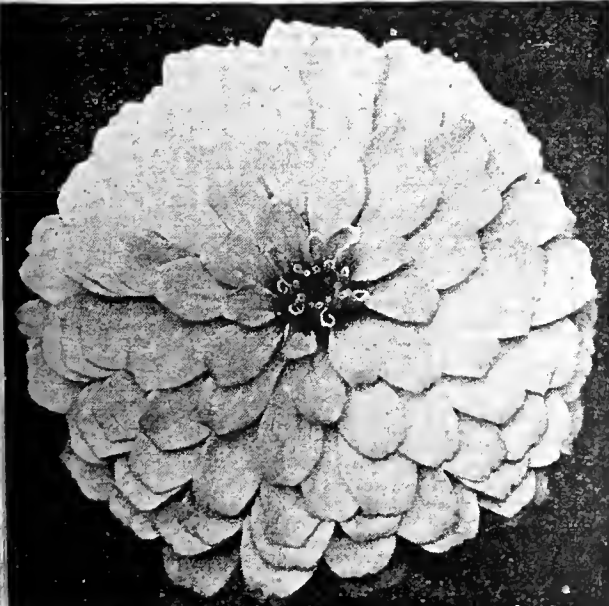
**MIXED.** **Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.**

## Curled and Crested Zinnias

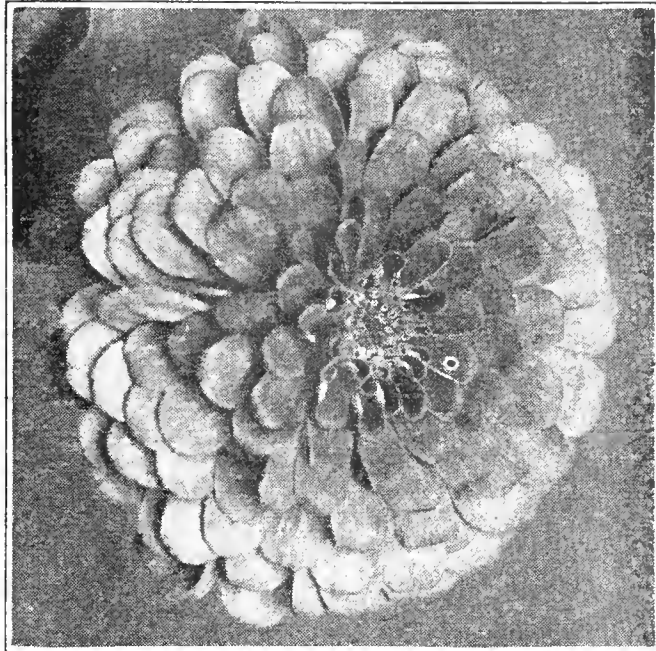
Petals twisted, curled and crested into fantastic and graceful forms. **Pkt., 5c; ½ oz., 50c; oz., 80c.**

## Double Picotee Zinnias

Contains many exquisite colors, each flower petal being tipped with a contrasting color. Free flowering plants 2 feet tall. **Pkt., 5c; ½ oz., 50c; oz., 75c.**



California Giant Zinnia



Dahlia-Flowered Zinnias

## Dahlia-Flowered Zinnias

This new giant flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative Dahlia.

Price of any of the following 14 varieties of Dahlia-Flowered Zinnias: **Pkt., 10c; 3 pkts., 25c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.**

**BUTTERCUP.** An immense deep creamy yellow flower.

**CANARY BIRD.** A delicate shade of primrose. Very large.

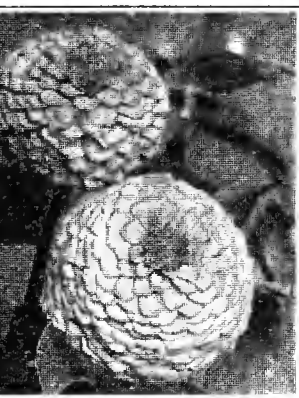
**CRIMSON MONARCH.** Immense size, bright crimson-scarlet.

**DREAM.** A fine deep lavender. A rare pleasing shade.

**EXQUISITE.** Pleasing rose color, one of the finest pinks.

**ATTRACTION.** A distinct shade of brick-red.

**GOLDEN STATE.** Rich golden-yellow, shading to orange.



Lilliput Zinnias

**ILLUMINATION.** Very bright red, large and showy.

**LUMINOUS BEAUTY.** Beautiful, large, clear lemon yellow.

**LUMINOSA.** Deep pink, suffused with salmon.

**OLD ROSE.** A beautiful dark salmony-red or old rose.

**ORIOLE.** An immense orange and gold bicolor.

**POLAR BEAR.** Extra large, pure white.

**PURPLE PRINCE.** Fine deep purple, large and well formed.

**SCARLET FLAME.** A large, beautiful, bright scarlet.

**TANGO.** Golden Tango, orange, a grand color.

**YOUTH.** Light flesh, and extremely large size.

**R.-H. CO.'S MIXED DAHLIA-FLOWERED ZINNIA.** Our special mixture of this new type of Zinnia is made up from the separate colors.

**Pkt., 10c.; 3 pkts., 25c; ¼ oz., 30c; ½ oz., 50c; oz., 85c.**

## Double Pompon or Lilliput Zinnias

So called on account of its dwarf nature. The plant is 12 to 15 inches high. The flowers are very beautiful little things about 1½ inches in diameter and very double.

- |   |                 |   |
|---|-----------------|---|
| Golden Gem  | White Gem       | <b>MIXED POMPON or LILLIPUT ZINNIA —</b><br><b>Pkt., 10c; ¼ oz., 20c;</b><br><b>¼ oz., 30c; ½ oz., 45c;</b><br><b>oz., 80c.</b> |
| Salmon Rose   | Red Riding Hood |   |
| Scarlet Gem   | Purple Gem      |   |
| Any of above: <b>Packet, 10c; ¼ oz., 25c; ½ oz., 35c; ½ oz., 50c; oz., 90c.</b> |                 |   |

## Mexican Hybrid Zinnia

A very dwarf variety, bear small, double flowers of unusual colorings. Make a beautiful border. 12 inches in height. Mixed colors. **Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.**

## New Pinkie Rosebud Zinnia

Grows 15 to 18 inches. Covered with a mass of Pumila type cut-and-come-again beautiful rose-pink flowers. **Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.**

## Early Wonder Cerise-Pink Zinnia

Dwarf in growth. Flowers a bright fiery cerise-pink with salmon shading. **Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; oz., \$1.25.**

## Double Tall Mixed Zinnias

Double, varieties, making an elegant mixture for groups, beds, borders, etc. **Pkt., 5c; ½ oz., 25c; oz., 40c.**

## Cactus Flowered Zinnia

The petals are rolled into long tubes causing a resemblance to a fine quilled-petalled cactus dahlia. Mixed. **Pkt., 5c; ½ oz., 50c; 1 oz., 80c.**

# GLADIOLUS

**M**AKE this a glad year, plant liberally of this most satisfactory of all the bulbous family. No insects to bother them and they will bloom most anywhere. Culture directions free with all orders. Our list comprises all the good standard sorts and many of the newer varieties and novelties. Our prices we feel sure are most reasonable. We offer only No. 1 largest size bulbs.

## 8 Magnificent Gladiolus

Doz., 60c; 50, \$2.25; 100, \$4.00. By mail, doz., 70c; 50, \$2.40; 100, \$4.25

- |                                       |  |
|---------------------------------------|--|
| <b>ALBATROSS.</b> Pure white.         | <b>ORANGE WONDER.</b> Golden orange.     |
| <b>MOTHER MACREE.</b> Mauve gray.     | <b>PRIDE OF WANAKAH.</b> Lavender.       |
| <b>MOROCCO.</b> Deepest red.          | <b>PFITZERS TRIUMPH.</b> Orange Scarlet. |
| <b>MRS. F. C. PETERS.</b> Rose lilac. | <b>SALBACHS, ORCHID.</b> Lavender.       |

## 15 Superb Gladiolus

Doz., 50c; 50, \$1.75; 100, \$3.00. By mail, doz., 60c; 50, \$1.90; 100, \$3.25

- |                                       |   |
|---------------------------------------|---|
| <b>AFLAME.</b> Bright orange flame.   | <b>PICARDY.</b> Apricot pink.                 |
| <b>CHAS. DICKENS.</b> Purple violet.  | <b>PERSIA.</b> Maroon red.                    |
| <b>COMMANDER KOEHL.</b> Dark scarlet. | <b>PURPLE GLORY.</b> Velvety purple.          |
| <b>DR. NELSON SHOOK.</b> Tyrian rose. | <b>PFITZERS TRIUMPH.</b> Salmon red blotched. |
| <b>GLORIANA.</b> Golden salmon.       | <b>ROSE ASH.</b> Rosy lavender.               |
| <b>MARMORA.</b> Lavender gray.        | <b>SEA FOAM.</b> White Primulinus.            |
| <b>MINUET.</b> Light lavender.        | <b>VEITCHENBLAU.</b> Large blue.              |
| <b>MRS. E. H. BOTHIN.</b> Light pink. |   |

### SPECIAL OFFER

2 each above 15 Superb Gladiolus, 30 bulbs, \$1.10, postpaid.  
5 each above 15 Superb Gladiolus, 75 bulbs, \$2.50, postpaid.

## 12 Extra Good Gladiolus

Doz., 40c; 50, \$1.50; 100, \$2.50. By mail, doz., 50c; 50, \$1.65; 100, \$2.75

- |  |  |
|--|--|
| <b>BELINDE.</b> Creamy yellow.                 | <b>HELEN WILLS.</b> White shaded yellow.   |
| <b>BETTY NUTHALL.</b> Coral to orange.         | <b>LOS ANGELES.</b> Shrimp pink.           |
| <b>BETTY SNOW.</b> Beautiful lavender.         | <b>MRS. LEON DOUGLASS.</b> Begonia rose.   |
| <b>DR. F. E. BENNETT.</b> Scarlet stifled red. | <b>MRS. P. W. SISSON.</b> Creamy pink.     |
| <b>GIANT NYMPH.</b> Lafrance pink.             | <b>RUTH HUNTINGTON.</b> Violet pink.       |
| <b>GOLDEN DREAM.</b> Clear yellow.             | <b>W. H. PHIPPS.</b> Glorious salmon pink. |

## 15 Standard Gladiolus

Doz., 35c; 50, \$1.00; 100, \$1.75. By mail, doz., 45c; 50, \$1.15; 100, \$2.00

- |                                       |   |
|---------------------------------------|---|
| <b>ALICE TIPLADY.</b> Orange saffron. | <b>MRS. FRANK PENDLETON, JR.</b> Bright pink. |
| <b>AMERICA.</b> Lavender pink.        | <b>MRS. FRANCIS KING.</b> Light scarlet.      |
| <b>APRICOT GLOW.</b> Warm apricot.    | <b>MAIDEN BLUSH.</b> Blush pink.              |
| <b>CRIMSON GLOW.</b> Deep crimson.    | <b>ORANGE QUEEN.</b> Apricot orange.          |
| <b>E. J. SHALOR.</b> Rose pink.       | <b>PEACE.</b> White and violet.               |
| <b>FLAMING SWORD.</b> Flaming red.    | <b>SOUVENIR.</b> Golden yellow.               |
| <b>GOLD EAGLE.</b> Deep yellow.       | <b>VIRGINIA.</b> Fine red.                    |
| <b>HALLEY.</b> Salmon pink.           |   |

### SPECIAL OFFER

2 each above 15 Standard Gladiolus, 30 bulbs, 75c postpaid  
5 each above 15 Standard Gladiolus, 75 bulbs, \$1.50 postpaid

## MIXED GLADIOLUS

- STANDARD GOOD MIXTURE**  
A mixture of all standard Gladiolus. Doz., 20c; 50c, 75c; 100, \$1.40; 500, \$6.25; 1,000, \$12.00. By mail, doz., 30c; 50, 90c; 100, \$1.65.
- REGULAR FLORISTS MIXTURE**  
A beautiful combination of all colors properly blended, will give a charming effect. Doz., 30c; 50, \$1.00; 100, \$1.75. My mail, doz., 40c; 50, \$1.15; 100, \$2.00.
- EXHIBITION MIXTURE**  
A wide range of colors in the very best show varieties properly mixed to make a gorgeous display. Doz., 35c; 50, \$1.25; 100, \$2.25; 500, \$9.00; 1,000, \$16.00. By mail, doz., 40c; 50, \$1.40; 100, \$2.50.
- PRIMULINUS MIXTURE**  
The Butterfly Glad in a superb mixture. Doz., 25c; 50, \$1.00; 100, \$1.75. By mail, doz., 35c; 50, \$1.15; 100, \$2.00.

## 1 Dozen Gladiolus Bulbs FREE

To the first 200 of our customers, who will enclose with their order the following application (with fee) for New Membership, the Mid-South Gladiolus Society will mail you 1 dozen Gladiolus Bulbs, their selection FREE.

The Second Gladiolus Exhibition of the Mid-South Gladiolus Society will be held in Memphis week ending June 20th, 1936. The outstanding Flower Show of the Southern States. The Amateur Division and the Commercial Division in all the color classifications in both the Exhibition and Decorative types will be open to all members.

Please enroll me as a member of the  
**MID-SOUTH GLADIOLUS SOCIETY**

Mail this coupon and \$1.00 to H. L. Knowles, Secretary  
P. O. Box 468, Memphis, Tenn.

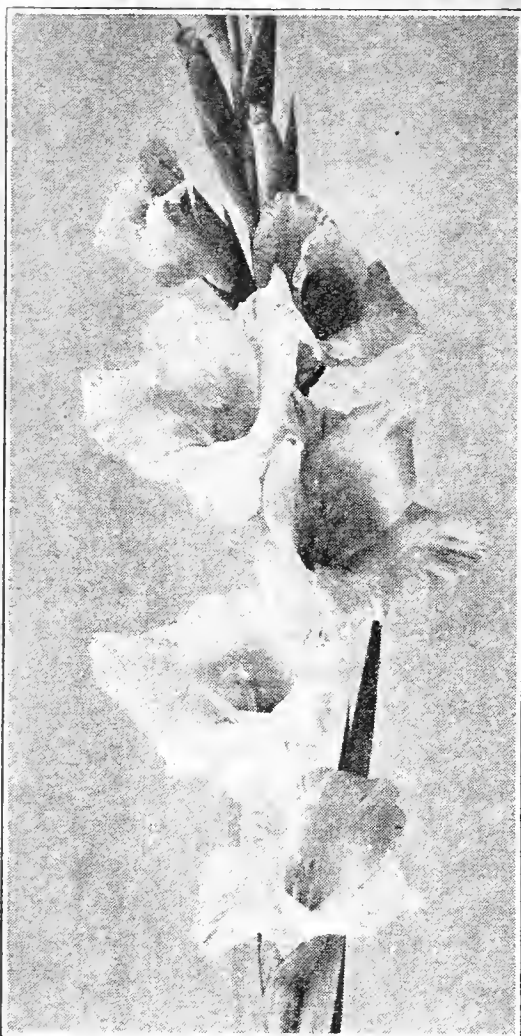
Name ..... Date .....

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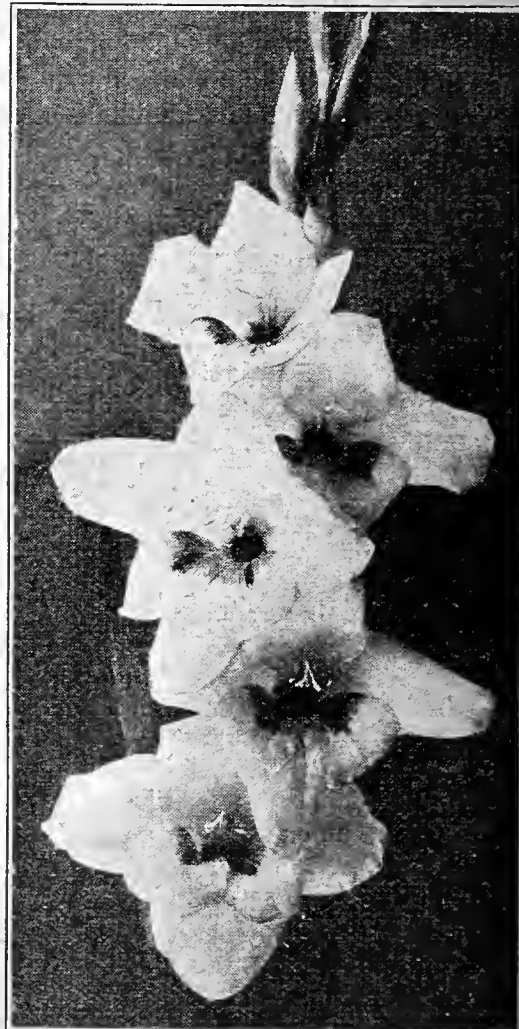
P. O. .... State .....

Amateur ( ) Commercial Grower ( )

I will send you 1 Doz. bulbs of our selection and Cultural directions **FREE.**



Betty Nuthall



Picardy

## TUBEROSES

Plant in March, cover top of bulbs two inches, place bulbs 12 inches apart.

### DOUBLE PEARL.

Large Bulbs. Doz., 40c; 50, \$1.50; 100, \$2.50. By mail, doz., 50c; 50, \$1.70; 100, \$2.85.  
Small Bulbs. Doz., 30c; 50, \$1.00; 100, \$1.75. By mail, doz., 40c; 50, \$1.20; 100, \$2.10.  
SINGLE EVERBLOOMING. Doz., 40c; 50, \$1.50; 100, \$2.50. By mail, doz., 50c; 50, \$1.70; 100, \$2.85.

## LILIES



Regal Lily

Plant 4 to 5 inches deep in March and April. Add sand for drainage.

### REGAL LILY.

White shading to yellow, tinged pink.  
Large Bulbs. Each, 20c; doz., \$2.00. By mail, each, 30c; doz., \$1.20.  
Small Bulbs. Each, 10c; doz., \$1.00. By mail, each, 15c; doz., \$1.20.  
LILLIUM ALBUM. White Japanese Lily. Each, 30c; doz., \$3.00. By mail, each, 35c; doz., \$3.35.  
LILLIUM ARATUM. Golden banded, white and crimson. Large bulbs, each, 25c; doz., \$2.25. By mail, each, 35c; doz., \$2.60.  
LILLIUM GIGANTEUM. White Easter Lily. Each, 25c; doz., \$2.00. By mail, each, 30c; doz., \$2.35.  
LILLIUM HENRYII. Apricot yellow, slightly spotted with brown. Each, 25c; doz., \$2.25. By mail, each, 35c; doz., \$2.60.  
LILLIUM RUBRUM. White, pink spotted crimson. Large bulbs, each, 30c; doz., \$3.25. By mail, each, 40c; doz., \$3.60.  
LILLIUM PHILLIPINENSE. Extra large, white, marked with reddish brown. Each, 30c; doz., \$3.00. By mail, each, 40c; doz., \$3.35.  
DOUBLE TIGER LILIES. Orange red, spotted black. Each, 15c; doz., \$1.75. By mail, each, 20c; doz., \$1.95.  
YELLOW CALLA LILIES. Each, 25c; 12 for \$2.25. By mail, each, 35c; 12 for \$2.50.

## AMARYLLIS

Easily grown, plant in spring in a six or seven inch pot.

### GIANT AMERICAN HYBRID.

Produces gorgeous colored blooms in clusters, mixed. Each, 40c; 6 for \$2.25. By mail, each, 50c; 6 for \$2.45.  
JOHNSONII. Crimson with white stripe. Each, 25c; 6 for \$1.25. By mail, each, 35c; 6 for \$1.45.  
MONTBRETIAS. Plant 2 inches deep in March or April. Each, 10c; doz., 75c; 100, \$5.00. By mail, doz., 90c; 100, \$5.20.

### Caladium or Elephant Ear Bulbs

Plant 4 inches deep, 18 to 24 inches apart, any time after March 1st. Water freely during summer months.

5 to 7 in. bulbs. Each, 8c; doz., 75c. By mail, each, 12c; doz., 95c.  
7 to 9 in. bulbs. Each, 12c; doz., \$1.20. By mail, each, 18c; doz., \$1.45.  
9 to 11 in. bulbs. Each, 15c; doz., \$1.75. By mail, each, 25c; doz., \$2.35.

## CLIMBING VINES

MOUNTAIN BEAUTY or CORAL REEF VINE. Each, 25c; 5 for \$1.00. By mail, each, 35c; 5 for \$1.15.  
MADEIRA VINE. Each, 10c; doz., 75c. By mail, each, 15c; doz., 90c.

## DAHLIAS

Plant 3 to 4 inches deep, 4 feet apart, in April and up to June. Fertilize well and water freely during Summer.

### Standard Dahlias

#### Decorative Types

BARBARA REDFERN. Old rose and orange gold. Each, 20c; mailed, 30c.  
CANTEEN. Rich salmon pink. Each, 20c; mailed, 30c.  
CRIMSON BEAUTY. Deep velvet crimson. Each, 20c; mailed, 30c.  
GENOVENA. Pure rich yellow. Each, 15c; mailed, 25c.  
JOPPA. Rose apricot and gold. Each, 15c; mailed, 25c.  
JANE COWL. Bronzy buff and gold. Each, 25c; mailed, 35c.  
JERSEY BEAUTY. Rich clear pink. Each, 15c; mailed, 25c.  
LAVENDER KING. Clear lavender. Each, 15c; mailed, 25c.  
MRS. IDE VER WARNER. Popular lavender. Each, 15c; mailed, 25c.  
MRS. C. SALBACH. Fine lilac pink. Each, 15c; mailed, 25c.  
PATRICK O'MARA. Orange buff. Each, 15c; mailed, 25c.  
PRIDE OF CALIFORNIA. Deep crimson red. Each, 15c; mailed, 25c.  
RED GIANT. Real flag red. Each, 20c; mailed, 30c.  
SNOWDRIFT. Giant pure white. Each, 20c; mailed, 30c.  
STRADELLA. Deep purple crimson. Each, 15c; mailed, 25c.

#### SPECIAL OFFER

One each of above 15 Dahlias sent postpaid for \$2.25.

### Dainty Double Pompon Dahlias

Price, each, 15c; 6 for 75c.  
By mail, each, 20c; 6 for 90c.  
AMBER QUEEN. Amber shaded Apricot.  
CATHERINE. Pure bright yellow.  
DARKEY. Very deep maroon.  
LITTLE BEAUTY. Rose pink crinkled.  
PHOEBE. Amber yellow, tipped orange.  
SNOWCLAD. Pure snow white.

### Double Dahlias to Color

Each, 10c; 6 for 50c; 12 for 90c. By mail, each, 15c; 6 for 65c; 12 for \$1.20.  
Autumn Maroon      Pink Purple      White Yellow

## PEONIES

Plant in February or March two inches deep, 18 to 24 inches apart. Use bone meal fertilizer to bring large flowers.

Each, 20c; 12 for \$2.50. By mail, each, 30c; 12 for \$2.80.  
Albert Crousse      Fine shell pink      Couronne d'or      Wh., cream center  
Eudulus Superba      Early bright pink      Karl Rosenfield      Bright red  
Festiva Maxima      White flecked pink      Madam Calot      Blush white  
Felix Crousse      Velvety crimson      Mons Jules Elie      Lilac pink

#### Special Offer

One each above 8 Peonies sent postpaid for \$1.90.

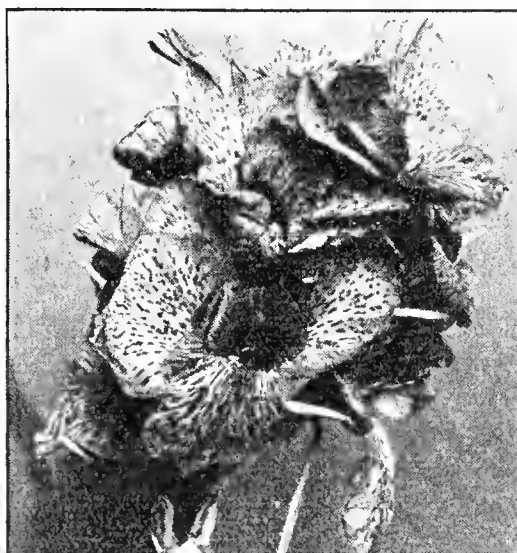
## CANNA BULBS

Plant in March and April 3 to 4 inches deep, 18 inches apart. Cover bulbs with sand first to avoid rotting.

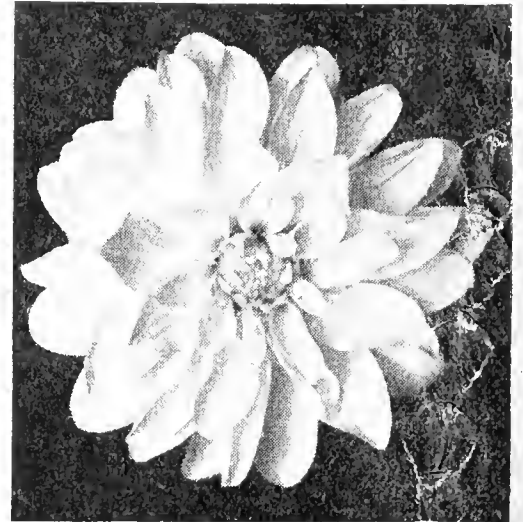
Price any of the following Canna bulbs: Doz., 50c; 50, \$1.75; 100, \$3.00.  
By mail, doz., 60c; 50, \$1.95; 100, \$3.25.  
HUNGARIA. Rosy pink flower, with green foliage, 4 ft. in height.  
KING HUMBERT. Orange scarlet with bronze foliage, 4 ft. in height.  
THE PRESIDENT. Brilliant crimson with green foliage, 4 ft. in height.  
YELLOW KING HUMBERT. Yellow flower with green foliage, 4 ft. in height.

#### SPECIAL OFFER

10 each President, King Humbert and Hungaria Cannas. 30 bulbs only, \$1.00, postpaid.



Yellow King Humbert



Immaculate

AMETHYST. Beautiful silver lavender. Each, 40c; mailed, 50c.  
BRILLIANCE. Orange face, reverse old gold. Each, 40c; mailed, 50c.  
EDNA FERBER. Coral to gold base. Each, 40c; mailed, 50c.  
FORT MONMOUTH. Deep coral red. Each, 50c; mailed, 60c.  
KATHLEEN NORRIS. Fine large pink. Each, 50c; mailed, 60c.  
IMMACULATE. Beautiful snow white. Each, 55c; mailed, 65c.  
MONMOUTH CHAMPION. Large deep orange. Each, 60c; mailed, 70c.  
PRINCE OF PERSIA. Fine Cardinal red. Each, 55c; mailed, 65c.  
ROSE GLORIOUS. Fine rosy pink. Each, 55c; mailed, 65c.  
THOS. A. EDISON. Large royal purple. Each, 60c; mailed, 70c.  
WHITE PERFECTION. Pure snowy white, dependable. Each, 45c; mailed, 55c.  
WONDER PINK. Extra large lilac pink. Each, 75c; mailed, 85c.

#### SPECIAL OFFER

One each above 12 special Dahlias. Reg. value \$6.25. Sent postpaid for \$5.30.

**CERTIFICATE OF INSPECTION**

Issued annually by the Tennessee State Entomologist, showing freedom of our stock from San Jose Scale and other injurious insects and diseases, will be attached to every shipment.

Terms are strictly cash. F. O. B. growing station. No trees shipped C. O. D.

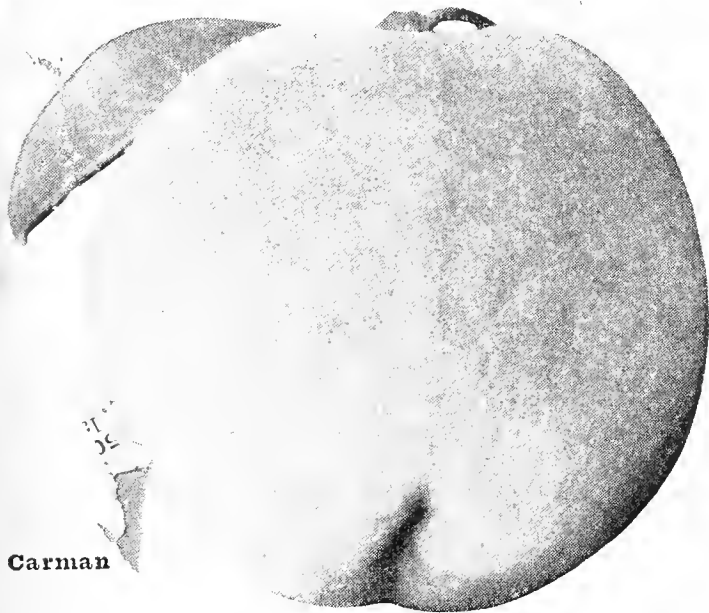
# NURSERY STOCK

## Peach Trees

4 to 6 foot Trees..... Each, 40c; 10 for \$3.50; 100 for \$27.50  
 3 to 4 foot Trees..... Each, 35c; 10 for 2.75; 100 for 22.00  
 2 to 3 foot Trees..... Each, 30c; 10 for 2.50; 100 for 18.00

The following varieties ripen in order as named; Mayflower first, Krummel's last.

- MAYFLOWER.** Medium size, red skin, firm flesh. Freestone.
- RED BIRD.** Extremely early, a money-maker. Flesh is creamy white of fine firmness. The outside skin is brightest red, highly colored.
- EARLY ROSE.** Early. Fruit fair sized, highly colored. Cling.
- ARP BEAUTY.** Medium size, yellow skin touched with red. Flesh yellow. Free.
- GREENSBORO.** Skin white with red cheek, flesh white and juicy. Free.
- CARMAN.** Large size. Flesh creamy white tinged with red. Freestone.
- EARLY ELBERTA.** Larger than Elberta. Flesh yellow, fine grained. Free.
- HILEY.** Large size, white skin tinted red, white flesh. Freestone.
- BELLE OF GEORGIA.** Fruit large, skin white with red cheek. Flesh white. Free.
- CHINESE CLING.** Fruit large, skin white with red cheek. Reliable.
- ELBERTA.** Well known. Large size, flesh yellow and juicy. Freestone.
- LATE ELBERTA.** Yellow freestone, ripens after regular Elberta.
- INDIAN CLING.** Large size, flesh red, streaked with white.
- J. H. HALE.** Large size, skin deep red, flesh yellow. Freestone.
- HEATH CLING.** Fruit of large size, flesh white and juicy.
- KRUMMEL'S LATE.** Large, round, skin yellow with red cheek. Freestone.



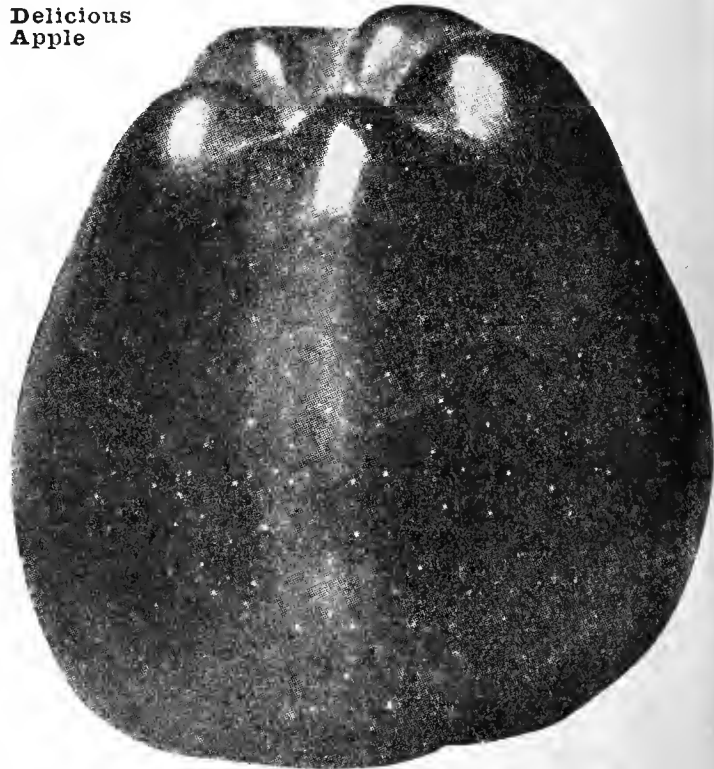
Carman

## Apple Trees

4 to 5 foot Trees..... Each, 45c; 10 for \$3.75; 100 for \$30.00  
 3 to 4 foot Trees..... Each, 40c; 10 for 3.25; 100 for 25.00  
 2 to 3 foot Trees..... 10 for 2.50; 100 for 20.00

- EARLY HARVEST.** Medium size, pale yellow, juicy. May and June.
- YELLOW TRANSPARENT.** Greenish yellow skin; white flesh. One of the earliest to ripen. May and June.
- RED JUNE.** Deep red skin; white flesh, tender and very juicy. June and July.
- YELLOW HORSE.** Large, greenish yellow skin, flesh acid. July and August.
- DELICIOUS.** Fruit large and easily identified by its sheep-nose shape. Skin dark red, flesh fine-grained. Late fall.
- GRIMES GOLDEN.** Large size, golden-yellow.
- STAYMAN WINESAP.** Skin dark red, flesh crisp and juicy. October.
- WINESAP.** Good quality, dark red skin, crisp, sub-acid flesh. September and October.
- HYSLOP CRAB.** Large, dark fruit. Tree very productive.

Delicious Apple



## Pear Trees

4 to 5 foot Trees..... Each, 45c; 10 for \$4.00  
 2 to 3 foot Trees..... Each, 40c; 10 for 3.50

- BARTLETT.** Best of the eating Pears. Large size, skin yellow with red blush.
- EARLY HARVEST.** Very early, golden-yellow, sweet and juicy.
- LE CONTE.** Fair sized, yellow, bell-shaped. Tree bears young.
- SECKEL.** Small, yellowish brown. Flesh very sweet.
- KIEFFER.** Large size, skin golden yellow with blushed cheek.
- PINEAPPLE.** Practically blight-proof. Very desirable.

## Fig Bushes

3 to 4 foot size..... Each, 50c; 6 for \$2.25; 12 for \$4.25  
 1 1/2 to 3 foot size..... Each, 35c; 6 for 1.25; 10 for 2.25

- BROWN TURKEY.** Fruit fair sized, pear-shaped, skin coppery-brown. Very hardy.
- CELESTIAL.** Small, violet colored. Very prolific, sweet and of excellent quality. Hardest of all Figs.

## Plum Trees

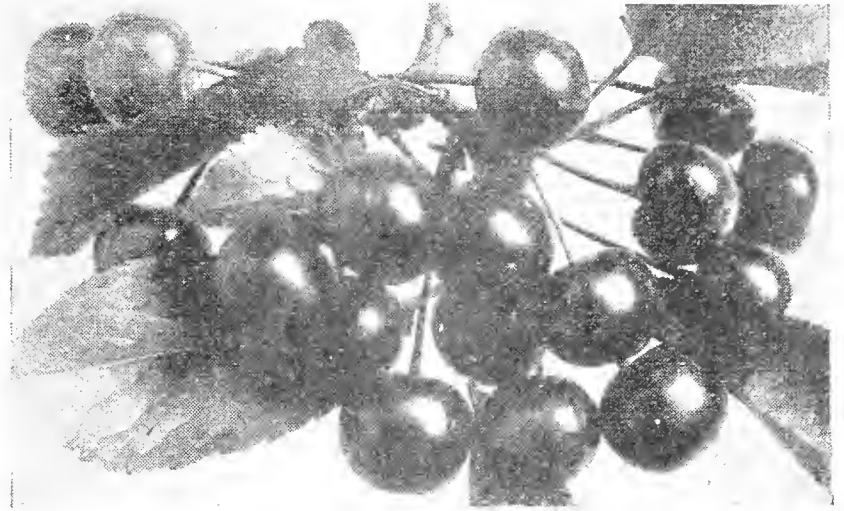
4 to 5 foot Trees..... Each, 50c; 10 for \$4.50  
 3 to 4 foot Trees..... Each, 45c; 10 for 4.00

- ABUNDANCE.** Large. Amber in color, changing to red. Ripens a week later than Red June.
- BURBANK.** Fruit large, deep red overlaying a yellow ground. Flesh deep yellow and very sweet. July.
- RED JUNE.** Deep red skin, light yellow flesh, sub-acid. A semi-cling, ripening in June and July.
- SHROPSHIRE DAMSON.** The most desirable preserving variety. Ripens August.



# Cherry Trees

3 to 4 foot Trees.....Each, 45c; 10 for \$3.75  
**GOVERNOR WOOD.** (Sweet.) Medium size, pale yellow with pink flesh.  
**EARLY RICHMOND.** (Sour.) Medium size, bright red. Ripens last of May.  
**LARGE MONTMORENCY.** (Sour.) Larger than Early Richmond and ripens about ten days later. Bright red.  
**BLACK TARTARIAN.** (Sweet.) Fruit large, black, heart-shaped.



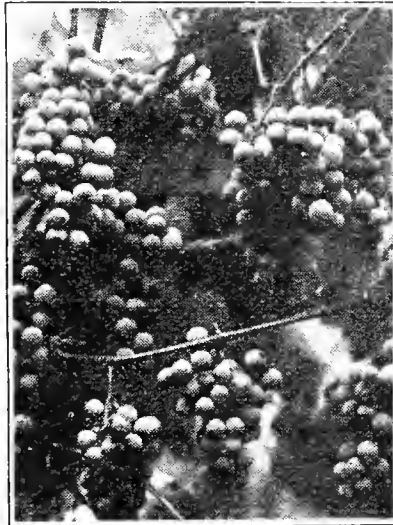
Montmorency Cherries

# Grafted Pecans

2 to 3 foot Trees.....Each, 60c; 10 for \$5.00; 100 for \$40.00  
 3 to 4 foot Trees.....Each, 75c; 10 for 6.50; 100 for 50.00  
**SCHLEY.** Finest for eating. Nuts long, thin-shelled, well filled.  
**STUART.** Nuts of good size; shell medium thin.  
**SUCCESS.** Resembles Stuart, but larger. Nuts thin-shelled.

# Strawberry Plants

100 for 75c; 200 for \$1.20; 500 for \$2.00; 1000 for \$3.00.  
 By mail: 100 for 90c; 200 for \$1.40; 500 for \$2.25; 1000 for \$3.50.  
 Set in March and April in rows 3½ feet wide and 15 inches apart in row. We can furnish any of the following varieties, but they will be shipped separate from any other trees or plants on our list. Plants ready in March.  
**AROMA.** Large size, dark red and sweet.  
**BLAKEMORE.** Red, very early and of fine flavor.  
**GANDY.** Late. Fine quality.  
**KLONDYKE.** A shapely, dark red berry of uniform size.  
**MISSIONARY.** Extra early, one of the best drought resisters.



Niagara Grape

# Grape Vines

**TWO-YEAR VINE.** Each, 20c; 10 for \$1.50; 100 for \$10.00. By mail, each, 30c; 10 for \$1.80.  
**ONE-YEAR VINE.** Each, 15c; 10 for \$1.25; 100 for \$8.00. By mail, each, 20c; 10 for \$1.45.  
**CONCORD.** Berry large, blue-black in color. Very sweet.  
**MOORE'S EARLY.** Extra early, black grape. Ripens two weeks ahead of Concord.  
**NIAGARA.** Large, white. Fruit tender, skin tough.  
**WORDEN.** Extra large, black, sweet.  
**LUTIE.** A luscious red grape, sweet and juicy. Price 2-yr. vines, each, 25c; 10 for \$1.75.

# Scuppernong Grapes

Two-year vines, each, 50c; 5 for \$2.25; 10 for \$4.00.  
**JAMES.** Large, black fruit borne in clusters of ten to twenty berries.  
**BRONZE.** Small sized clusters of dark red fruit. Excellent flavor.

# Blackberry Plants

10 for 60c; 50 for \$2.25; 100 for \$4.00. Postpaid: 10 for 75c; 50 for \$2.50; 100 for \$4.50.  
**EARLY HARVEST.** Extra early. Good quality.  
**ELDORADO.** Large, sparkling black fruit.



Eldorado Blackberry



Blakemore Strawberry

# Progressive Everbearing Strawberry Plants

50 for 75c; 100 for \$1.25; 200 for \$2.25; 500 for \$4.50; 1000 for \$8.50.  
 By mail: 50 for 90c; 100 for \$1.40; 200 for \$2.45; 500 for \$4.75; 1000 for \$9.00.

# Raspberry Plants

10 for 60c; 50 for \$2.25; 100 for \$4.00. Postpaid: 10 for 75c; 50 for \$2.50; 100, \$4.50.  
**CUMBERLAND.** Large, firm, oval-shaped berry.  
**CUTHBERT.** Large berry, red, and juicy.  
**KANSAS.** Jet black, does well in this section.  
**ST. REGIS.** Medium sized fruit, bright red.

# Dewberry Plants

Two varieties, Austin and Lucretia. 10 for 50c; 50 for \$2.00; 100 for \$3.50. By mail, 10 for 65c; 50 for \$2.25; 100 for \$4.00.

# Youngberry Plants

10 for 80c; 50 for \$2.75; 100 for \$5.00. Postpaid: 10 for 95c; 50 for \$3.00; 100, \$5.50.

## Two Year California Grown EVERBLOOMING ROSE BUSHES

IT IS with pride we list the following varieties of two year California Field Grown Rose Bushes. They are strong, healthy, sturdy plants, guaranteed to satisfy you in every way. All are individually wrapped and labeled, first size, No. 1 grade plants. We do not handle any No. 2 plants.

All orders for California grown rose bushes will be shipped from our own packing grounds about the first part of March, which is the proper time for planting them. Plants will be pruned properly when you receive them. Please order early before the assortment is broken and be sure to give second choice in case we have sold out the variety you order.

### Lot A California Roses

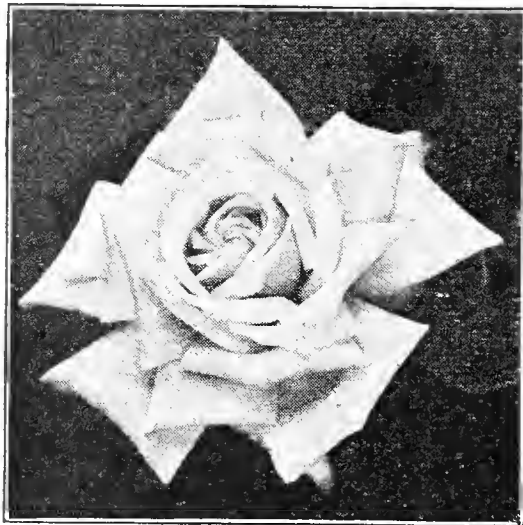
Prices uniform as follows: Each 40c; 6 for \$2.15; 12 for \$4.00; by mail each 50c; 6 for \$2.35; 12 for \$4.35.

- American Beauty.** Fragrant, pink, shaded soft carmine.  
**Angela Pernet.** Coppery orange, shaded yellow.  
**Betty Uprichard.** Orange carmine, lighter reflex.  
**Briarcliff.** A clear pink sport of Columbia.  
**Chas. K. Douglas.** Large blossoms, crimson scarlet.  
**Columbia.** Vigorous glowing pink, long stems.  
**E. G. Hill.** Large showy lasting deep scarlet.  
**Etoile de Holland.** Velvety red, large, fragrant.  
**Francis Scott Key.** Double blooms, deep crimson.  
**Frau Karl Druski.** Large snow white blooms.  
**Grenoble.** Long stemmed buds of crimson.  
**Gruss an Teplitz.** Velvety scarlet, fragrant.  
**Hadley.** Large double of the richest crimson.  
**J. J. L. Mock.** Bright cherry, inside petals white.  
**K. A. Victoria.** Strong snowy white.  
**Killarney.** Bright sparkling pink, free bloomer.  
**Los Angeles.** Flame pink, coral, gold.  
**Mme. Caroline Testout.** Well known double pink.  
**Mrs. Chas. Bell.** Salmon, a sport of Radiance.  
**Mrs. Henry Bowles.** Rosy pink shaded salmon.  
**Ophelia.** Light salmon shading to pale yellow.  
**Radiance.** Popular opaline pink, vigorous grower.  
**Red Radiance.** Glowing crimson, free flowering.  
**Talisman.** Rich yellow, pink and red two toned.

### Lot C California Roses

Price each 60c; 6 for \$3.30; dozen \$5.70. By mail each 70c; 6 for \$3.50; dozen \$6.00.

- Duquesa de Penaranda.** New variety, apricot, orange, pink blending.  
**E. J. Ludding.** Double flowers, carmine pink, long stems.  
**Golden Dawn.** Sunflower yellow to yellow blooms.  
**Golden Gleam.** One of the most vivid of yellow varieties.  
**Condessa de Sastaga.** Pink inside golden reverse.  
**Golden Rapture.** Blooms rich yellow, long stems.  
**Hollywood.** Fragrant, dark red, veined darker.  
**Irish Hope.** Rosy crimson, deep red shading  
**Lady Fortevoit.** Golden yellow, with apricot.  
**Mrs. E. P. Thom.** Double, golden yellow, vigorous growth.  
**Mrs. Pierre S. Dupont.** Free flowering, yellow.  
**Max Krause.** High centered flowers, deep yellow.  
**Olympiad.** Vivid scarlet, undertone of yellow.  
**Roslyn.** Double richest deep yellow.  
**Soeur Therese.** Yellow, outside petals sometimes carmine.  
**Villa de Paris.** Sunflower yellow, deeper at center, base.  
**Wilhelm Kordes.** Golden salmon copper and red tinted.



Caledonia

### Lot B California Roses

Prices uniform. Each 50c; 6 for \$2.50; doz. for \$4.75. By mail, each 60c; 6 for \$2.70; doz. for \$5.10.

- Caledonia.** One of the best Whites, long buds.  
**Dame Edith Helen.** Large clear glowing pink.  
**Editor McFarland.** Beautiful showy pink, vigorous.  
**Edith Krause.** Pure white long buds.  
**Golden Ophelia.** Blooms golden yellow, lighter at edges.  
**Joanna Hill.** Clear yellow with golden heart.  
**J. Otto Thilow.** Perfect buds, double rose pink.  
**Lady Hillingdon.** Orange yellow, fine for cutting.  
**Leonard Barron.** Large flowers, pink, tinted salmon.  
**Lucie Marie.** Yellow, with cerise shading.  
**Luxembourg.** Double orange, yellow blooms.  
**Margaret McGredy.** Profuse, double scarlet.  
**Mev. G. A. Van Rossem.** Buds yellow, veined orange brown.  
**Miss Rowena Thom.** Double, rose shaded old gold.  
**Mme. Butterfly.** Favorite, pink suffused apricot.  
**Pres. Herbert Hoover.** Yellow, pink and flame tints.  
**Portadown.** Rich deep crimson, long large buds.  
**Padre.** Upright grower, coppery scarlet blooms.



Mev. G. A. Van Rossem

- Souv. Georges Pernet.** Oriental red shaded yellow.

**Rev. F. Page Roberts.** Yellow veined buff, well formed.

**Roselandia.** Ophelia type, golden yellow blooms.

**Souv. Claudius Pernet.** Rich unfading large yellow blooms.

**Syracuse.** Bright scarlet crimson, large, fragrant.

## Lot D California EXCEPTIONAL CLIMBING ROSES

These, with two exceptions, are the monthly blooming climbing roses, but please understand no climbing variety of rose will bloom as freely or as continually as the everblooming bush types. They will, however, give you some blooms during the whole season under favorable conditions. Keep them well fertilized.

Price each 50c; 6 for \$2.50; 12 for \$4.50. By mail each 60c; 6 for \$2.70; 12 for \$4.85.

- Clb. Etoile de France.** Deep crimson red.  
**Clb. Etoile de Holland.** Large dark velvety red.  
**Clb. Dutchess of Atholl.** Orange, passing to rose, gold.  
**Clb. Hoosier Beauty.** Crimson with dark shading.  
**Clb. Golden Emblem.** One of the most popular, yellow.  
**Clb. Kaiserin Aug. Victoria.** White flowers.  
**Clb. Lady Hillingdon.** Orange yellow, good bloomer.  
**Clb. Los Angeles.** Pink with golden suffusion.  
**Clb. Mermaid.** Beautiful single flowers, white with cream center.  
**Clb. Miss Marion.** Manifold, double velvety scarlet.  
**Clb. Mme. Edouard Herriot.** Climbing sport, coral red.  
**Clb. Mme. Butterfly.** Pink, sport of Mme. Butterfly.  
**Clb. Mrs. E. P. Thom.** Same yellow flowers as bush type.  
**Clb. Marechal Neil.** Golden yellow, spring bloomer.  
**Clb. Pres. Herbert Hoover.** Creamy yellow, flame tints.  
**Clb. Red Radiance.** Blooms freely, rich red.  
**Clb. Scorcher.** Brilliant orange scarlet.  
**Clb. Sunburst.** Rich yellow shaded orange.  
**Clb. Talisman.** Blooms two toned yellow, pink, red.



Talisman

## Lot E California STANDARD CLIMBING ROSES

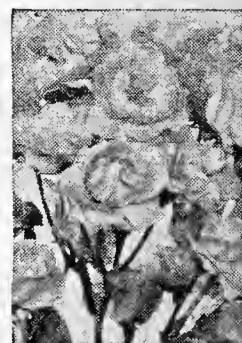
Price each 40c; 6 for \$2.00; 12 for \$3.75. By mail each 50c; 6 for \$2.20; 12 for \$4.10.

- Clb. American Beauty.** Hardy variety, rich red to crimson.  
**Clb. Chaplin Pink.** Pink, resembles Paul's Scarlet.  
**Clb. Mary Wallace.** Large rosy pink, with salmon base.  
**Clb. Silver Moon.** White, with clear yellow stamens.  
**Paul's Scarlet Climber.** A brilliant rose, scarlet.

## Lot F California

### POLYANTHA OR BABY ROSES

- Cecil Brunner.** The Sweetheart rose, small dainty buds of clear pink.  
**Else Poulson.** Two toned rose pink blooms.  
**Lafayette.** Large clusters of cherry crimson.



Else Poulson

# Patented Roses

**COUNTESS VANDAL.** Plant Patent No. 38. Pointed buds of bronze copper, salmon and gold, open often 6 inches across. Bush form very fragrant. **Each, \$1.00; by mail, \$1.15.**

**MRS. J. D. EISLE.** Plant Patent No. 67. Rich cherry rose, lustrous under artificial light. The most highly perfumed rose in the world, bush form. **Each, \$1.50; by mail, \$1.70.**

**CLIMBING BLAZE.** Plant Patent No. 10. The Everblooming Paul's Scarlet Climber, richest red. **Each, \$1.25; by mail, each, \$1.40.**

**GOLDEN CLIMBER.** Plant Patent No. 23. Long pointed deep yellow buds, opens up rich gold with splashes of orange scarlet. **Each, \$1.50; by mail, each, \$1.65.**

**CLIMBING MARY HART.** Plant Patent No. 8. Beautiful in bud, a red Talisman, opens up to a velvety blood red color. **Each, \$1.00; by mail, \$1.15.**

### To Buyers of Patented Roses

We cannot replace patented roses. The plants we sell are obtained direct from the originators.

We believe that with proper care they will grow and thrive and come true to description, but they must be purchased with the understanding that no replacement will be made under any circumstances.

### 1936 Calendar

Sent free with any order to the value of \$1.00 or more. This Calendar is full of valuable information, with weather predictions. Your order must amount to \$1.00 or more.

### Flowering Shrubs

2-3 ft. Two Year Plants

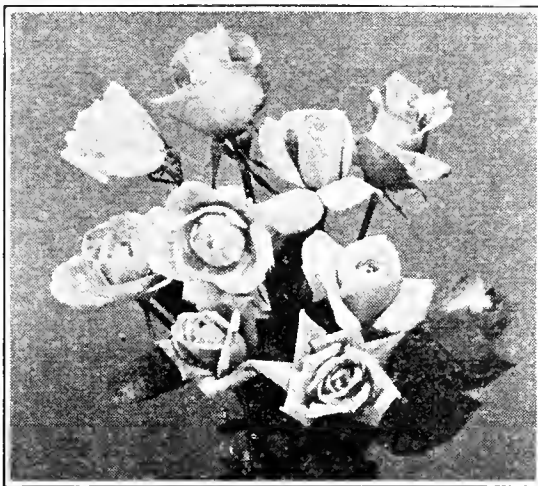
Ea.	10
Althea, white, pink, red....	20c \$1.50
Buddleia, butterfly bush....	25c 2.00
Calycanthus .....	25c 1.75
Crepe Myrtle, pink, red, white .....	45c 4.00
Cyadonia, Japan Quince....	25c 1.75
Forsythia, Golden Bell....	20c 1.50
Deutzia, Pride of Rochester..	25c 2.00
Hydrangea, Hills of Snow...	30c 2.75
Lilac, Purple, White.....	20c 1.50
Philadelphus Mock Orange..	20c 1.50
Snowball, Common White...	25c 2.25
Spirea, Bridal Wreath.....	20c 1.50
Spirea, Anthony Waterer....	25c 2.00
Spirea, Thunbergi .....	20c 1.50
Spirea, Van Houtte.....	15c 1.20
Weigelia, Rosea Pink.....	20c 1.50
Weigelia, Crimson .....	30c 2.50

## Standard Alabama

2 Year Field Grown Roses

Bush Varieties

Shipped only from the growers—35 varieties. **Each, 35c; 6 for \$1.75; dozen, \$3.25. By mail, each, 45c; 6 for \$1.95; dozen, \$3.60.**



Golden Ophelia

Betty Uprichard	Los Angeles
Briarcliff	Luxembourg
Chas. K. Douglass	Mme. Butterfly
Columbia	Miss Rowena Thom
Dame Edith Helen	Mrs. Chas. Bell
E. G. Hill	Margaret McGredy
Etoile de France	Mrs. E. P. Thom
Etoile de Holland	Ophelia
Francis Scott Key	Radiance, Pink
Golden Ophelia	Radiance, Red
Hadley	Roslyn
J. J. L. Mock	Souv. Claud. Pernet
K. A. Victoria	Sensation
Killarney Pink	Sunburst
Lady Hillingdon	White Killarney

### Climbing Varieties

American Pillar	Mary Wallace
American Beauty	Paul's Scarlet
Silver Moon	

## Exceptional Alabama

2 Year Field Grown Roses

Bush Varieties

Shipped only from the grower. **Each, 40c; 6 for \$2.00; dozen, \$3.75. By mail, each, 50c; 6 for \$2.20; dozen, \$4.10.**

Autumn	Padre
Caledonia	Pres. Herbert Hoover
Golden Dawn	Rev. F. Page Roberts
Mev. G. A. Van Rossem	Talisman

### Climbing Varieties

**Each, 40c; 6 for \$2.00. By mail, each, 50c; 6 for \$2.20.**

Clb. Red Radiance	Clb. Talisman
Clb. Pres. Hoover	Clb. Marechal Neil

## Polyantha or Baby Roses

**Each, 40c; 6 for \$2.00. By mail, each, 50c; 6 for \$2.20.**

Cecil Brunner	Lafayette
Else Poulson	

## Use Tri-ogen

For Black Spot, blight, aphid and other insects on your roses. Tri-O-Gen will not harm the foliage and does not discolor the plant.

Small Kit .....	\$1.50; postpaid \$1.70
Medium Kit .....	4.00; postpaid 4.25
Large Kit .....	6.00; postpaid 6.25

## Ornamental and Shade Trees

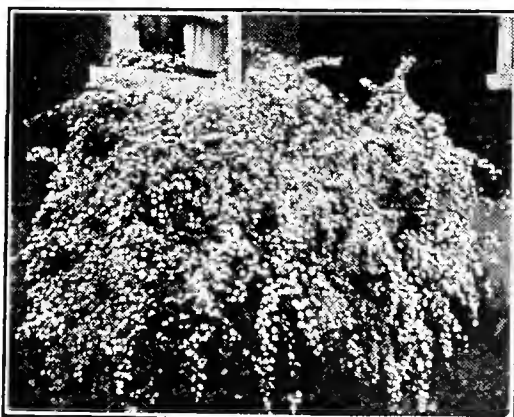
	Each
American Elm, 6-8 ft.....	\$0.60
Dogwood Red, 3-4 ft.....	1.25
Dogwood White, 3-4 ft.....	.75
Chinese Elm, 6-8 ft.....	1.25
Flowering Peach, red, white, 5-6 ft. ....	.75
Maple Silverleaf, 8-10 ft.....	.75
Poplar Lombardy, 8-10 ft.....	1.00
Red Bud American, 4-5 ft.....	.60

## Hedge Plants

**AMOR RIVER PRIVET.** Upright, dark green, small leaves. 18-24 in. plants. 25, \$1.25; 100, \$3.00.  
**CALIFORNIA PRIVET.** Bushy dark green, large leaves. Plants 18-24 in. 25, \$1.00; 100, \$2.50.

## Broad Leaf Evergreens

	Each	10
Abelia Grandiflora, 2-3 ft. ....	\$0.25	\$2.00
Ligustrum Lucidum, 1½-2 ft. ....	1.00	7.50
Mahonia Oregon Holly, 1½-2 ft. ....	1.25	10.00
Nandina Domestica, 1½-2 ft. ....	.75	6.00



Spirea, Bridal Wreath

## Hardy Climbing Vines

	Each
Boston Ivy .....	\$0.35
Clematis, white .....	.25
Honey Suckle Hall's Yellow.....	.25
Honey Suckle Hall's Scarlet.....	.25
Kudzu Vine .....	.15
Wistaria, purple, white.....	.25

## Asparagus Roots

Mary Washington—2 Year Roots  
**Dozen, 35c; 50, \$1.00; 100, \$1.75; 200, \$3.00; 500, \$7.00; 1000, \$12.50.**  
Postpaid: Doz., 45c; 50, \$1.20; 100, \$2.00.

## Rhubarb Roots

2 year roots, each, 15c.....	12 for \$1.50
Postpaid, each, 20c.....	12 for 1.75
1 year roots, each, 10c.....	12 for 1.00
Postpaid, each, 15c.....	12 for 1.20

## Horseradish Roots

Large, strong cuttings. **Doz., 35c; 50 for \$1.10; 100 for \$2.00, postpaid.**  
Not prepaid, doz., 30c; 50 for \$1.00; 100 for \$1.75.



Rhubarb



Asparagus

## R.-H. Co.'s Spray Pumps

We handle only standard outfits, all sold at reasonable prices. Repair parts available on short notice. Special catalog mailed on application.



The Pennant Sprayer was designed to give the purchaser the greatest possible value for the money. The funnel has been added for ease in filling. Four gallon galvanized or copper tank, all seams riveted with brass rivets and heavily soldered, brass seamless tubing pump extra length, 27" hose, 24" brass extension—weight about 13 lbs.

No. 40 Galv. Tank, \$5.75; mailed, \$6.00.  
No. 40 Copper Tank, \$8.75; mailed, \$9.00.



The Streamer Sprayer is very practical for all kinds of spraying, whitewash and cold water paints included, equipped with new easy filling funnel, brass seamless pump, 24" hose, 24" extension, 3 3/4 gal. capacity, weight 10 lbs.

No. 92 Galv. Tank, \$4.00; mailed, \$4.25.



The Contender Sprayer also has a Nu-Eze filling funnel furnished in the galvanized container tank only, capacity about 3 1/2 gallons, brass seamless tubing pump, hand friction lock, 20 1/2" brass extension, 24" hose, weight 10 lbs.

No. 95 Galv. Tank, \$3.50; mailed, \$3.75.



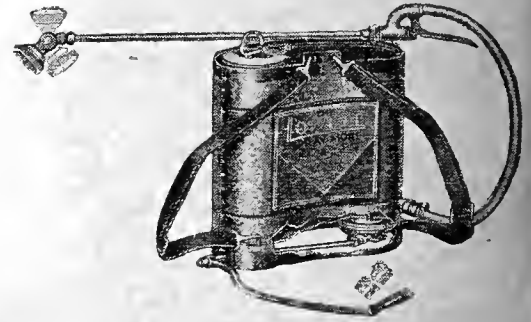
The Pennant Junior is a high grade sprayer, 2 1/2 gallon capacity made in either galvanized or copper tank, brass seamless tubing pump, 24" hose, 18" extension, thoroughly riveted container, weight 9 lbs.

No. 50 Galv. Tank, \$4.00; mailed, \$4.25.  
No. 50 Copper Tank, \$6.50; mailed, \$6.75.



The Lowell Flash is 2 1/4 gallons capacity, made in galvanized container only, designed for light spraying jobs, brass seamless tubing pump, hand lock, 24" hose, 18" extension, weight 8 lbs.

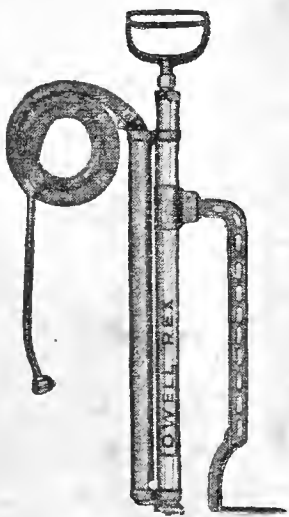
No. 12 Galv. Tank, \$3.35; mailed, \$3.60.



The Lowell Knapsack is suited for all types of spraying, galvanized or copper container, fitted with extra length hose and extension, automatic shut-off, and easy operating diaphragm pump. Weight 19 lbs.

No. 747 Galv. Tank, \$11.25; mailed, \$11.75.

No. 747 Copper Tank, \$15.75; mailed, \$16.25.



Lowell Rex Bucket Pump, double barrel, brass working parts and valves, malleable foot rest, 3 ft. hose; 12" brass extension, weight 7 lbs.

No. 327 1/2 Bucket Pump, \$3.50; mailed, \$3.75.

### Kill Insects with Cubor Spray Powder

Effective against all types of insects and bugs on flowers, vegetables, fruits and shrubs. Mix this dry powder with water, then spray. 1 oz. packet makes up to 4 gallons of all-purpose, low-cost, complete, non-arsenical insect spray. 1/2 oz. packet, 10c; 2 oz. carton, 35c; 1 lb. carton, \$1.25; 4 lb. bag, \$3.20. Post-paid, 12c; 40c; \$1.35 and \$3.40.



Lowell Baron High Pressure Bucket Pump, used for all types of spraying, all brass working parts and valves, self cleaning dasher type agitator, 3 ft. hose, 12" brass extension, weight 10 lbs.

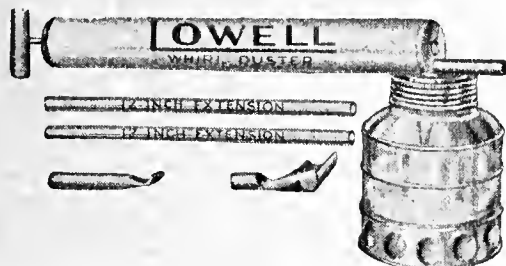
No. 726 Bucket Pump, \$5.25; mailed, \$5.60.



Lowell No. 755

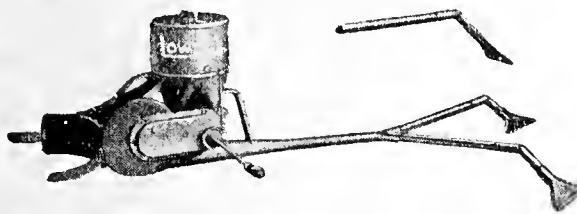
Lowell High Pressure Barrel Pump to be used in spraying orchards, vineyards, potatoes, crops, fields, disinfecting, exterminating, whitewashing, etc. It will handle two leads of discharge equipment if desired and develop a 200-lb. pressure. Dasher type agitator, self cleaning intake valve.

No. 755 — Complete as illustrated, \$11.00.  
No. 750 — Pump less discharge equipment, \$9.00.



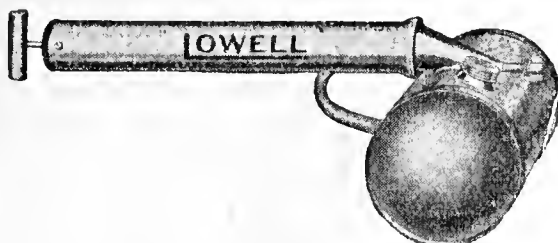
Lowell Whirl Duster, extra heavy glass jar, two 12" extensions for all types of dusting; weight, 1 1/2 lbs. each.

No. 415 — Whirl Duster, \$1.25. Mailed, \$1.45.



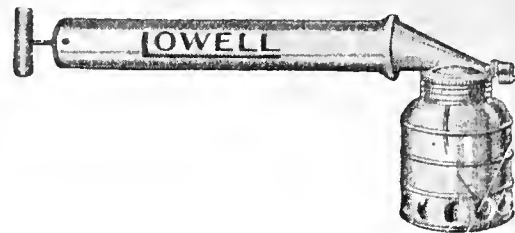
Lowell Crank Duster. Capacity about 6 lbs., for all types of dusting, easily operated and highly efficient; weight, 16 lbs. each.

No. 404 — Crank Duster. Each, \$12.50.



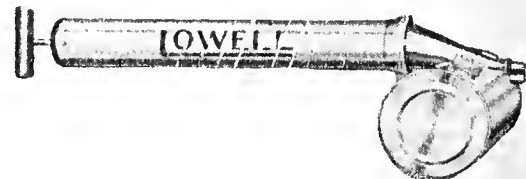
Lowell Jumbo Continuous Sprayer. Can be used with all disinfectants, insecticides, etc. Also handy in dairy barn, hog and chicken house, for use with oil solutions only, capacity about three quarts, galvanized container; weight, 3 1/4 lbs.

No. 215 — Jumbo Continuous, \$1.40. Mailed, \$1.70.



Lowell Ambassador glass jar Continuous Sprayer for use with all types of insecticides spraying—made for oil solutions only, glass jar 24 ounce capacity, large plunger, weight, 2 lbs. each.

No. 206 — Ambassador, \$1.10. Mailed, \$1.35.



Lowell Master Continuous, made of heavy tin, adjustable nozzle, quart capacity; weight, 1 1/4 lbs. each.

No. 208 — Master Continuous, 70c. Mailed, 95c.



Lowell General Duster for use in garden and in the home. Powder Compartment 1 full pint; weight, 3/4 lb. each.

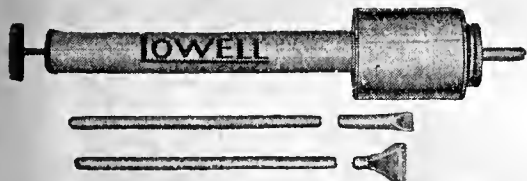
No. 367 — General Duster, 50c. Mailed, 65c.

No. 367A — General Duster with extension pipes, 60c. Mailed, 75c.



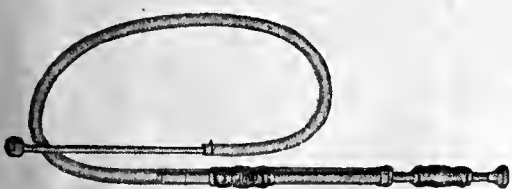
The Lowell Guard Duster is used for all types of dusting of the home, and handles all powder insecticides; 7 1/2" overall, weight 1/2 lb. each.

No. 460 — Guard Duster, 30c. Mailed, 40c.



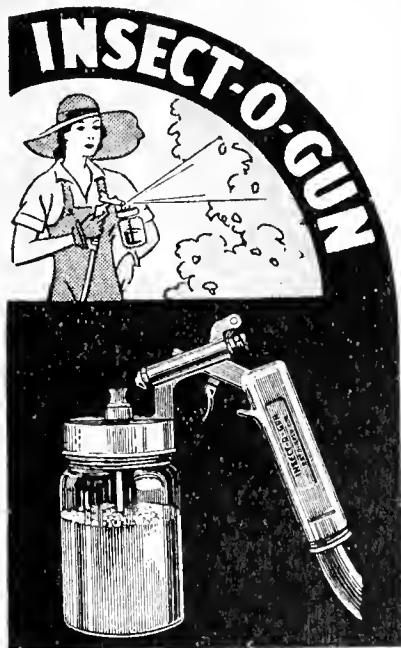
Lowell Warrior Duster for use in garden, barn, hog and poultry house, powder compartment 1 quart capacity; weight, 1 1/2 lbs. each.

No. 465 — Warrior Duster, \$1.00; Mailed, \$1.25.



Lowell Trombone Pump for use in all types of spraying, including washing windows, automobiles and fighting fires. All brass cylinders and valves; weight, 3 1/2 lbs.

No. 133 — Trombone Sr. Sprayer, \$3.75. Mailed, \$4.10.



Insect-O-Gun

A new device for spraying insecticides of all kinds. Attaches to any garden or lawn hose connection. The Insecto Gun is a big labor saving device. With it your roses, shrubs or trees can be sprayed quickly and easily. Simply place the proper quantity of insecticide in the container and attach to the garden hose. You will be delighted with this new spray gun. Price, \$3.75; by mail, \$3.95.



Lowell Crystal, made of heavy tin, mason quart fruit jar interchangeable, weight 2 lbs. each, for all types of spraying.

No. 230 — Crystal Sprayer, 60c. Mailed, 85c.



Lowell Ideal Sprayer, made of heavy tin, quart capacity, atomizer type, very efficient for all types of spraying.

No. 235 — Ideal Sprayer, 40c. Mailed, 60c.

WHEN SPRAYING PEACHES

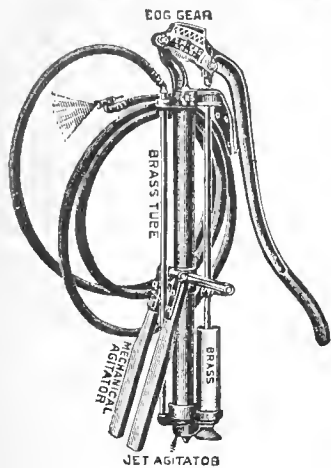
For Peach Leaf Curl, use the following formula: For 50 gallons spray material dissolve in warm water 6 lbs. of Bordeaux Powder. Put this in barrel first and agitate well, then add 2 1/2 gallons of Oil Emulsion.

Or you can use: 3 lbs. Powdered Blue Stone and 3 lbs. Hydrated Lime, dissolving these two separately, then combine and put in the 50 gallons; then add 2 1/2 gallons of Oil Emulsion.

FOR BACTERIAL FUNGI

Which makes the fruit split, add to any Summer Spray material 2 lbs. of Zinc Sulphate to each 50 gallons of spray mixture.

**Myers No. R-305B Barrel Pump**



Designed to meet the requirements where a good pump at a moderate price is required. Attaches to the side of an open barrel. Equipped with Cog Gear Handle, jet and mechanical agitators, complete with 15 feet of 1/2-inch 5-ply discharge hose and Myers Graduating Vermorel Nozzle. Price complete, less barrel, \$12.00.

**Myers No. R318B Barrel Pump**

Attaches to top of closed barrel. Has bronze ball valves and brass seats. Plunger is self-expanding and the cylinder and pipes are all brass. Price, with one lead of 15 feet of 1/2-inch, 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator, complete less barrel, \$13.00.

No. R-305B

nozzle and mechanical agitator, complete less barrel, \$13.00.

**Myers O.K. Cog Gear Barrel Spray Pump**

No. R-308B air chamber 2 1/2 inches. will carry 200 lbs. pressure. With one lead of 15 feet. 7-ply 3/8 inch hose and nozzle. Price, less barrel, \$20.40.

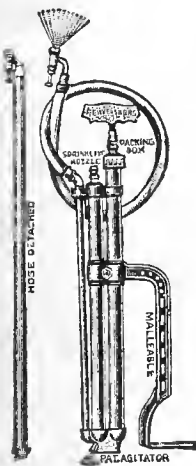
No. R-308C. The same with 2 leads of spray hose and two nozzles. Price, less barrel, \$23.60.

**Myers Bucket Sprayers**

These will do a good job of spraying on either tall trees or shrubs, easy to use.

No. 325—Bucket Pump, \$3.20; by mail \$3.45.

No. R-324—Bucket Pump, \$4.90; by mail \$5.25.



No. 325

**Myers Kwik Fill Compressed Air Sprayers**

New design with concave top and removable tube

No. 2240 Myers Kwik Fill 2 1/2 gallon Galvanized Tank. Each, \$3.75; postpaid \$4.00.

No. 2242 Myers Kwik Fill 4 gallon Galvanized Tank. Each, \$4.40; postpaid \$4.65.



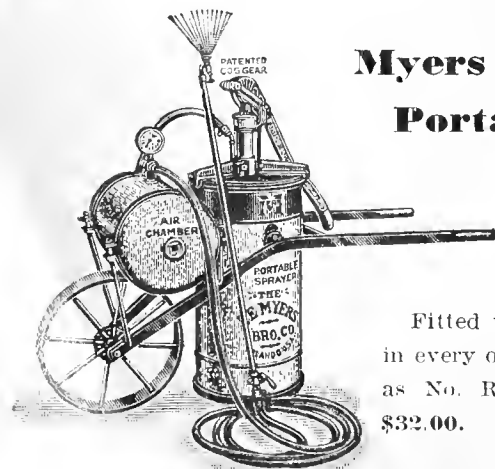
No. 2242

**Myers No. R336 1/2 B Portable Sprayers**

Capacity 1 1/2 gallons; tank made of heavy galvanized iron, equipped with portable wheelbarrow frame; has agitator, with 15 feet hose connection. Vermorel nozzle and 8-ft. pipe extension. Complete, \$20.00.

**Myers No. R339 1/2 B Portable Sprayer**

Fitted with 6 gallon air chamber, in every other particular is the same as No. R-336 1/2 B. Price complete, \$32.00.



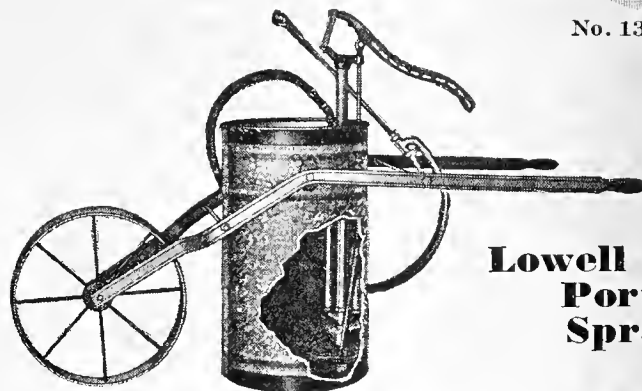
No. R-339 1/2 B

**Myers Knapsack Sprayers**

Myers No. 1330 New Idea Galvanized Knapsack Spray Pump—Fitted with 3/8-in. hose, stop cock, pipe extension and nozzle. Complete, \$11.25.



No. 1330



No. 736

**Lowell Radiant Portable Sprayer**

A 12-gallon portable machine for truck gardeners, orchardists, poultrymen, etc. Compact construction adapts it for use between narrow rows, close quarters, etc. Pump develops 125 pounds working pressure, equipped with non-clogging strainer which is cleaned by agitator at each stroke of the pump. Frame of channel iron. Large wheel with wide tire. Equipped with 5 feet of hose, 2-ft. iron extension, angle spray nozzle.

No. 736—(Without pressure tank). Weight 46 lbs. . . . . \$12.25

No. 739—(With pressure tank and gauge). Weight 60 lbs. . . . . \$21.00

**Lowell Monarch Portable Sprayers**

Tank holds 18 gallons equipped with high powered pump and all necessary fittings. Extra strong and durable.

No. 734—Without pressure tank. Weight 57 lbs. . . . . \$20.00

No. 735—With pressure tank. Weight 84 lbs. . . . . \$30.00

**Three Quart Continuous Sprayers**

Extra strong, galvanized tank fitted with a quick acting shut-off nozzle.

No. 237—Commander. 3 qt. Each, \$2.00; by mail \$2.25.

**Small Hand Sprayers**

No. 250—3/4 pint tin Sprayer. Each, 25c; by mail 45c.

No. 294—1/4 pt. Glass Jar. Each, 20c; by mail 40c

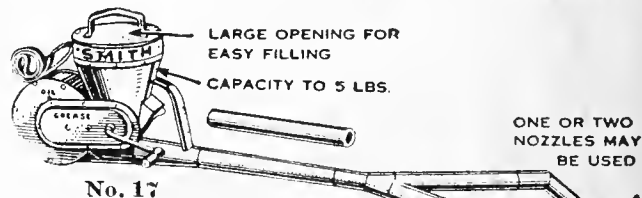


No. 250



No. 294

**No. 17 Smith Dust King Crank Duster**

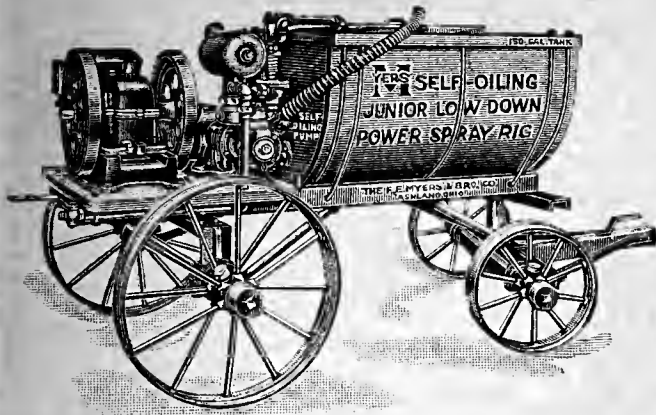


No. 17

A good two row duster. Strong and well made, capacity about six pounds. Nothing better for dusting Calcium Arsenate on Cotton. Each, \$11.00.

Spray the apples with Bordeaux Mixture and Arsenate of Lead during the last week in May.

Remember that the peaches must be sprayed every two weeks with the Dritomic Sulphur spray for the control of Brown Rot.



### Myers Power Spray Pump

No. 754 Myers Self Oiling Junior low down spray rig with all steel, short turn truck, capacity 100 gallons. Has 2 horsepower engine.

1 No. 13 Myers Spray Gun, 50 ft. 1/2 inch Myers high pressure hose with complete fittings. Catalog with further specifications on application. Price, \$236.00 f.o.b. factory. Other sizes quoted on request.

### Hose Connections



Female for 3/8- or 1/2- inch hose, 25c each. Male for 3/8- or 1/2- inch hose, 25c each.

Hose Clamps, 3/8- or 1/2-inch, 5c each.

No. 1279—Y Connection, 60c

No. 1380—15 Bend Con., 25c

No. 1381—15 Double Bend, 40c



### Spray Hose



3/8 inch—3 ply, ft., 12c; mailed, 20c. 1/2 inch—5 ply, ft., 16c; mailed, 22c. 25 ft. or more, either size, 2c ft. less.

### Spray Hose Nozzles



No. 168 Spray Nozzles, Each, 60c  
No. 166 Spray Nozzles, Each, 60c

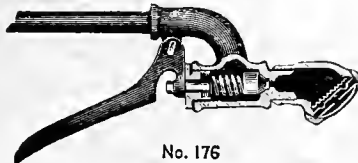


No. 1283



No. 642

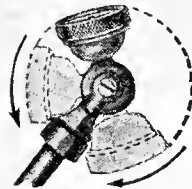
No. 642 Bordeaux Nozzle, Each, \$1.00  
No. 1283 Brass Shutoff Cock, Each, \$1.00



No. 176

No. 176 Perfection Nozzle, Each, \$1.50

No. P9X Perfection Nozzle, hose and extension, Each, \$2.40



Adjustable Nozzle for spraying under leaves, Each, \$1.25



Vermorel Spray Nozzle, Each, 75c

### Extension Rods

2 ft. Brass, \$0.50  
4 ft. Brass, 1.00  
4 ft. Iron, .50  
8 ft. Bamboo with shut-off, 3.50  
10 ft. Bamboo with shut-off, 3.75

No. 145 Angle Spray Rod. Made entirely of brass, 5 1/2 feet long, weighs only 4 1/2 pounds. Automatic shut-off. Throws spray 30 feet from the nozzle. Ask for circulars. Price, each, \$7.95, f.o.b. Memphis.

### Spray Repairs

Barrel Pump Washers, 15c  
Bucket Pump Washers, 10c  
Hand Sprayer Washers, 10c  
Comp. Air Pump Washers, 10c  
Rubber Gasket for Compressed Air, 10c  
Check Valve for Comp. Air Sprayers, 10c  
Whirl Discs, Brass Screens and Steel Spray Caps for Spray Nozzles, 10c  
Postage 5c Each Extra

## SPRAY CALENDAR

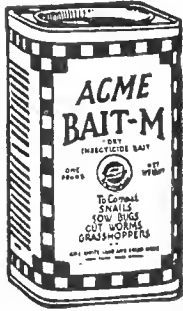
CROPS	INSECTS AND DISEASES	MATERIALS	DILUTIONS		TIME TO SPRAY
			One Gal. of Water	50 Gal. of Water	
PEACH PLUM CHERRY	Scale, Insects and Leaf Curl	Lime-Sulphur Sol. Oil Emulsion or Dry Lime-Sulphur	1 pint 1/4 pint 18-20 teaspoonfuls	5-7 gallons 2 gallons 12-15 pounds	In the fall or in the spring before the buds swell. Add Bordeaux to Oil Emulsion to prevent leaf curl.
	Shot Hole or Fungi	Zinc Sulphate	1 teaspoonful	2 pounds	Combine with petal fall.
	Curculio	Arsenate of Lead Dry Mix	2 teaspoonfuls 1/4 pound	3/4 to 1 pound 8 to 10 pounds	Combine these two as soon as blossoms fall.
	Scab and Brown Rot	Dry Mix, Dinitomic Sulphur	12-20 teaspoonfuls 1 tablespoonful	8-10 pounds 1 quart	1. When most of shucks are off. 2. Two weeks after shucks dropped. 3. Four weeks before picking, if necessary.
	Borers	Paradichlorbenzene	1 to 2 ozs. from	trunk of tree	In the fall or spring.
APPLE PEAR	Scale Insects and Blister Mites	Lime-Sulphur Sol. Dry Lime-Sulphur	1 pint 18-20 teaspoonfuls	5-7 gallons 12-15 pounds	Dormant, delayed dormant. When buds begin to swell.
	Psylla, Slugs, Scab and Codling Moth	Bordeaux Mixture or Dry Lime-Sulphur or Lime-Sulphur Sol. Arsenate of Lead	12-16 teaspoonfuls 5-6 teaspoonfuls 1/5 pint 3-8 teaspoonfuls	6-8 pounds 3-4 pounds 1 1/4-1 1/2 gallons 1-1 1/2 pounds	1. Cluster or pink stage. 2. Calyx or petals fall. 3. Two weeks after petals fall.
	Later Codling Moth Broods Blotch	Arsenate of Lead Bordeaux Dinitomic Sulphur	3-8 teaspoonfuls 12-16 teaspoonfuls 3 teaspoonfuls	1-1 1/2 pounds 8 pounds 1 pound	Eight to ten weeks after petals fall and as often as necessary to keep fruit covered with Arsenate of Lead, and a fungicide.
	Aphids (Plant Lice)	Black Leaf 40 Evergreen Spray	1 teaspoonful 1 teaspoonful	1/2 pint 1/2 pint	Combine with other sprays and apply when Aphids appear.
GRAPE	Black Rot Mildew	Arsenate of Lead Bordeaux Mixture	2 teaspoonfuls 12-16 teaspoonfuls	1-1 1/2 pounds 6-8 pounds	1. After the blossoms fall. 2. Ten days to two weeks later.
	Leaf Hopper	Black Leaf 40	1 teaspoonful	1/2 pint	Apply when first nymphs of the Hopper acquire wings.

# Spray Materials and Insecticides

Our service in this department is free; do not fail to come to us for any information needed in spraying line. We keep up-to-date and have in stock the very newest and best materials for spraying at all times. Most insecticides and liquids are now mailable. Prices f. o. b. Memphis, and subject to fluctuations, buyer paying carriage charges, except where priced parcel post paid. See Green Ink List for quantity prices.

## Acme Bait-M

To combat sow bugs, cut worms and grasshoppers, use Acme Bait-M, it never fails. 1 lb. can, 35c. Postpaid, 50c.



## Ant Zix

Attracts ants, then destroys them like nothing else will. Gets every last one of them without fail; dependable and inexpensive. Tube, 25c. Postpaid, 35c.

## Arsenate of Lead

Kills every insect that eats it; can be used dry as powder or as a solution in water. 1 lb. bag, 25c; 4 lb. bag, 75c. Postpaid: 1 lb. bag, 40c; 4 lb. bag, 95c.



## Spray

# "Black Leaf 40"

40% NICOTINE

For all sucking insects, such as lice, red spider and aphids, on roses, apple and plum trees, evergreens, etc. Use 1 ounce to 5 gallons of soapy water. Price: 1 oz., 35c; 5 ozs., \$1.00; 1 lb. bottle, \$2.25; 2-lb. can, \$3.25; 5-lb. can, \$5.85; 10-lb. can, \$10.60. Postpaid: 1 oz., 45c; 5 ozs., \$1.15; 1 lb., \$2.45; 2 lbs., \$3.50; 5 lbs., \$6.25; 10 lbs., \$11.00.

## Bordeaux Mixture

The perfect spray for fungous diseases of fruit trees, shrubs, black spot on roses. Fungous troubles must be prevented by spraying at regular intervals. 1 lb., 25c; 4-lb. bag, 70c. Postpaid: 1-lb. bag, 40c; 4-lb. bag, 90c.



## Bordeaux Dust With Arsenical

Controls chewing insects and fungus disease on all garden crops. Also on apple trees and grape vines. 25-lb. bags, \$2.50.

## Bluestone

Commonly known as Copper Sulphate. We have both the small crystal and powdered form of same. Should be used for peach leaf curl and apple blotch, 3 lbs. to 50 gallons of water. 1 lb., 15c; 10 lbs., \$1.00. Postpaid: 1 lb., 25c; 10 lbs., \$1.25.

## Calcium Arsenate

Kills effectively potato bugs, potato beetles, tomato worms, grasshoppers, army worm and cotton boll weevil. Can be used dry mixed with lime or as a spray mixed with water. ½ lb., 15c; 1 lb., 20c; 4 lbs., 60c. Postpaid: ½ lb., 25c; 1 lb., 30c; 4 lbs., 80c.

## Carbon Di-Sulphide

For keeping weevils and other insects out of grain and cow-peas. 1 lb., 45c; 5 lbs., \$1.75.

## Ceresan

Ceresan is effective in controlling smut of wheat, oats, barley, sorghums, millet and rye, seedling blight of cereals. Also increases yield of cotton by preventing seed from rotting in cold, wet soil, permits earlier planting.



## 2% Ceresan

Treat your cotton seed with 2% Ceresan. Make your cotton acres pay a profit. 2% Ceresan helps to prevent seed rotting, sore shin, seed borne anthracnose, and angular leaf spot. It will give you a better stand with less seed and also permits early planting. 2% Ceresan treatment on cottonseed will give results equal to delinting and at a less cost as it requires only 3 ounces to treat 1 bushel of seed. It will pay you to use 2% Ceresan. It is also used on sorghum and millet seed with finest results. 1 lb., 75c; 5-lb. can, \$3.00; 25-lb. can, \$12.50. Postpaid: 1 lb., 90c; 5 lbs., \$3.25.

## New Improved Ceresan

The new formula for controlling blight, smut and other diseases in Barley, Oats and Wheat. Simply dust it on the seed. 1 lb. treats 32 bu. 1 lb., 75c., 5 lbs., \$3.00. Postpaid: 1 lb., 90c; 5 lbs., \$3.25.

## Corrosive Sublimate

Used for treating sweet potatoes before bedding to prevent black rot. One ounce will make 8 to 10 gallons of water. ¼ lb., 45c; 1 lb., \$1.25; 5 lbs., \$5.50. Postpaid: ¼ lb., 55c; 1 lb., \$1.35; 5 lbs., \$5.75.

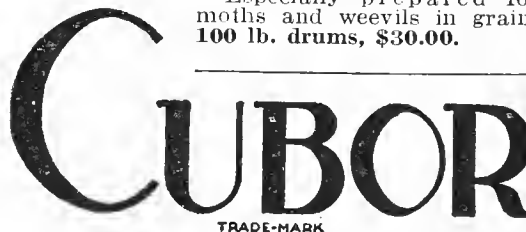


## Cyanogas—A Dust

A simple way to get rid of pests. Use Cyanogas. Kills ants, rats, mice, moles, fleas, bedbugs, clothes moths, wax moths, pigeons, sparrows, chinch bugs on lawns, grape leaf hoppers, mealy bugs, melon aphids, etc. ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00.

## Cyanogas G. Fumigant

Especially prepared for moths and weevils in grain. 100 lb. drums, \$30.00.



## A Non-poison Insecticide

A complete Rotenon Spray with spreader for all plant insects, whether chewing or sucking. Gets the Mexican bean beetle, lice or aphid without injury to plants. 1 ounce makes 3 gallons of spray material. Price: 2-oz. pkt., 35c; 1 lb., \$1.25; 4 lbs., \$3.20. By mail, 40c; \$1.35; \$3.40.

## Crow Repeller

When applied to seed corn before planting prevents birds from pulling it up. It will not gum the planter. Its use will save you time and worry.

1 bu. size, 60c; 4 bu. size, \$1.50. Postpaid, 70c and \$1.65.

## Dritomic Sulphur

One of the best preparations for the shuck spray, and growing period or summer spray on peaches, apples, etc. On the shuck spray add arsenate of lead. Dritomic Sulphur will control scab and brown rot on peaches and plums, and scab on the apple. Use one pound to 20 gallons of water with ½ lb. Arsenate of Lead and 1 lb. lime. We have both apple and peach Dritomic Sulphur. Price: 4-lb. pkg., 60c. Postpaid, 80c.



## Apple Dritomic

This is especially for summer spray on apples. Cures blotch and codling moth. 4-lb. pkg., 60c. Postpaid, 4 lbs., 80c.

## Dry Mix

A condensed spray for Peaches and Plums as soon as the blossoms have fallen. Contains also Arsenate of Lead, so you will not be confused in making this most important application.

Dry Mix prevents wormy peaches, also prevents fungous diseases, rot, etc. 1 lb. makes 5 gallons of spray material. 1 lb., 25c; 5 lbs., 75c; 12½ lbs., \$1.25. Postpaid: 1 lb., 35c; 5 lbs., 95c; 12½ lbs., \$1.50.



Kills them all; safe to use on tender plants and blossoms, cannot burn, non-poisonous.

Controls insects such as aphid, cut-worms, squash bugs, potato bugs, caterpillars, beetles, etc., quickly, safely and economically. 1-oz. bottles, 35c; by mail, 45c. 6-oz. can, \$1.00; by mail, \$1.15. 16 oz. can, \$2.00; by mail, \$2.20.

## Ethylene Chlorhydrin

A new chemical applied to spring dug potatoes; makes them sprout quickly. One quart makes enough to treat eight bushels of seed potatoes. Directions come on packages. ½ pt., 50c; pt., \$1.00; qt., \$2.00; gal., \$4.25. By mail, ½ pt., 70c; pt., \$1.25; qt., \$2.35; gal., \$4.95.

## 1936 Calendar

Sent free with any order to the value of \$1.00 or more. This Calendar is full of valuable information, with weather predictions. Your order must amount to \$1.00 or more.



### Fish Oil Soap With Potash

Prevents and cures aphids, lice and other troubles on plants and trees. Mixed with other spray materials, acts as a spreader. 1 lb., 35c; 5 lbs., \$1.20; 10 lbs., \$1.90; by parcel post, 1 lb., 45c; 5 lbs., \$1.45; 10 lbs., \$2.20.



### C. P. O. Vegetable Oil Soap

Contains Potash. It is a wonderful spreader for all insecticides. 2-oz. bottle, 20c; 1 pt. can, 65c; postpaid, 30c and 75c.

### Formaldehyde or Formalin

Used for treating oats, wheat, etc., to prevent smut; also to prevent potato scab. One pound will make 30 gallons of solution. 1 lb. bottle, 40c; postpaid, 55c.

### Formacide

Seed and soil disinfectant used as a dust control, damping off, and makes strong healthy plants and increases yields. 1/2 lb., 5c; 1 lb., 75c; 5 lbs., \$2.00. Postpaid: 1/2 lb., 5c; 1 lb., 90c; 5 lbs., \$2.20.



### Garden Guard

A Rotenone preparation that is perfectly harmless to humans, but effective against both sucking and chewing insects on all vegetables and flowers. Used as a dust. 1 lb., 35c; 4 lbs., 75c; 25 lbs., \$4.00. Postpaid: 1 lb., 45c; 4 lbs., 95c.



### Grafting Wax

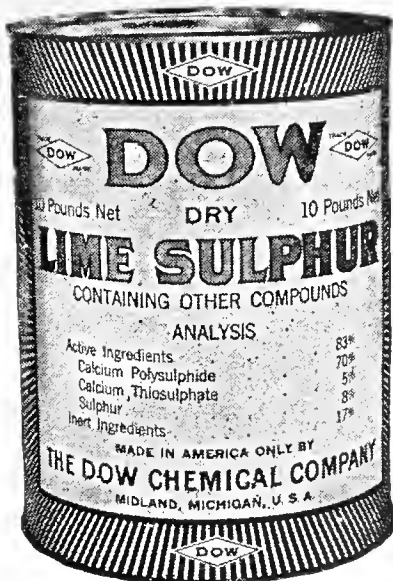
Used for grafting scions on trees. 1/4 lb., 10c; 1/2 lb., 35c; 1 lb., 45c. Postpaid: 30c, 50c and 55c.

### Kayso

Prepared casein is a spreader and adhesive. It makes any poison stick and resistant to washing effect of rains. Two-lb. round package sufficient for 10 gallons of spray. 2 lbs., 10c; 10 lbs., \$2.00. By parcel post, 2 lbs., 65c; 10-lb. bag, \$2.25.



Quantity prices on all insecticides described on this page are given on our Green Ink List enclosed.



### Lime-Sulphur—Dry or Powdered

A convenient material to control San Jose scale and other fungus trouble, such as peach tree leaf curl and blister mites. Dilute one pound Dry Lime-Sulphur to 4 gallons of water. 1 lb., 25c; 5 lbs., \$1.00; 12 1/2 lbs., \$1.50. Postpaid: 1 lb., 35c; 5 lbs., \$1.25; 12 1/2 lbs., \$1.85.

### Lime-Sulphur Solution

A concentrated liquid form easily mixed. Simply add 7 gallons of water to 1 gallon of the solution. Mixes easier than the dry; will not clog the nozzle. Qt., 35c; gallon, 65c; 5 gallons, \$2.25. Postpaid: Qt., 50c; gallon, 85c.

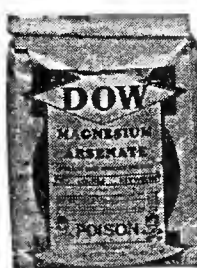
### London Purple

A quick sure insecticide for potato bugs and army leaf worm. Can be used either as a dust or spray. 1/4 lb., 15c; 1 lb., 25c; 5 lbs., \$1.00. Postpaid: 1/4 lb., 25c; 1 lb., 35c; 5 lbs., \$1.20.

### Magnesium Arsenate

Controls the Mexican Bean Beetle effectively, and will not burn the foliage. MAGNESIUM ARSENATE DUST MIXTURE for mixing with lime. 1 lb. can, 30c; 4-lb. pkg., 75c. Postpaid: 1-lb. can, 40c; 4-lb. pkg., 95c.

MAGNESIUM ARSENATE for spraying: 2 lbs. to 100 gallons water. 2-lb. pkg., 60c. Postpaid, 75c.



## MOLOGEN

(Trade Mark)

## MOLE KILLER

Eliminates moles from your lawn in two or three days. A non-poisonous, odorless dry powder that will not injure the soil or grass but gets the moles. 1/2-lb. can, 50c; 1 1/2-lb. can, \$1.25; 5-lb. can, \$3.00. Mailed, 60c, \$1.35, \$3.25.

### No-Crow

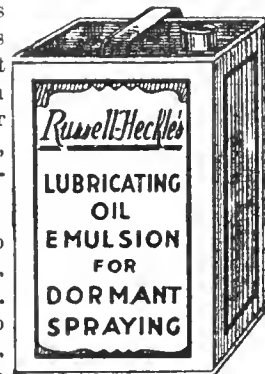
Keeps blackbirds, crows and other birds from pulling up fresh planted corn, etc. Assists in preventing seed rot. Saves labor in replanting. 1 bu. size, 50c, treats 2 bushels of corn seed; mailed, 65c.



### Oil Emulsion

For dormant spray to control scale, Oil Emulsion Spray has no equal; it creeps and covers every part of the tree. Use it in January, February or March on a bright, warm day; avoid exposure to freezing.

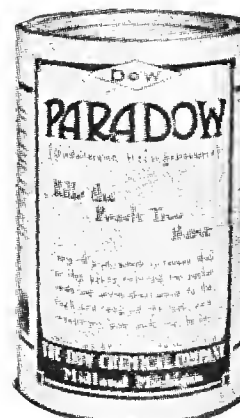
Made according to formula in U. S. Farmers Bulletin No. 933. Use 1 gallon to 20 gallons of water. To control peach tree leaf curl, use 4 lbs. Bordeaux Mixture or 3 lbs. of Blue Stone (put these in water first) and 1 gallon of Oil Emulsion to 20 gallons of water. Qt., 35c; gallon, 65c; 5 gallons, \$2.25. Postpaid, qt., 50c; gallon, 85c.



### Para-dichlorobenzene

Peach tree borer control. Discovered at last a sure cure for peach tree borer. Time of application, October 1st to November 30th. It can also be used in the spring early in March.

Prices: 1-lb. box, 40c; 5 lbs., \$1.40; 10 lbs., \$2.30. By parcel post, 1 lb., 50c; 5 lbs., \$1.60; 10 lbs., \$2.60.



### Paris Green

Known for its effectiveness. It must be used with care; 1 teaspoonful to 1 gallon of water will be safe. Add 2 tablespoonfuls of lime to prevent burning. 1/4 lb., 15c; 1 lb., 50c; 5 lbs., \$1.90. Postpaid: 1/4 lb., 25c; 1 lb., 65c; 5 lbs., \$2.10.

### Pine Tar

A very useful preparation and should be kept on the premises at all times. For bruises on trees Pine Tar is very effective. 1-pt. can, 25c. Postpaid, 35c.

### Pomo-Green with Nicotine

Controls lice in addition to chewing insects and blackspot and other fungous diseases. Pomo-Green with nicotine is the leaf green dust that protects your roses and other plants without making treatment conspicuous. 1 lb., 75c; 5 lbs., \$3.00. Postpaid, 1 lb., 90c; 5 lbs., \$3.25.

### Pyrox with Nicotine

A combination of Pyrox and Nicotine. Kills both sucking and chewing insects, besides controls fungous diseases.

Pyrox is especially effective on roses for diseases, lice and chewing insects. Also on Tomato to prevent blossom end rot. 17-oz jar, 50c; 5-lb. can, \$1.75. Postpaid: 60c; \$2.00.



**Red Arrow Spray**

A new discovery, kills without burning; non-poisonous; effective against lice on turnip greens, leaf-hoppers and worms. 1 oz. bottle makes 3 gallons, 35c; mailed, 40c. 4 oz., \$1.00; mailed, \$1.10. Pt., \$2.50; mailed, \$2.65. Qt., \$4.00; mailed, \$4.25.

**Red Star Insecticide**

Absolutely sure death to all insects, ants, roaches and mosquitoes. A clear liquid, this will not stain. 1 qt. can, 60c; 1/2 gal. can, \$1.00; 1 gal. can, \$1.75. Postpaid, qt., 75c; 1/2 gal., \$1.25; 1 gal., \$2.10.

**Scalecide**



The old reliable Scalecide. The best known dormant or delayed dormant spray for the control of scale, peach leaf curl, aphid, red mite and other insects. For fruit trees or ornamentals. Simple, effective and easy to apply. Use 1 gallon to 15 gallons of water for trees that drop their foliage or 1 to 20 for evergreens. Scalecide is indeed the complete dormant spray. Qt., 65c; gal., \$1.55; 5 gal. can, \$5.50. Postpaid, qt., 85c; gallon, \$1.85.

**Selocide**

Kills Red Spider, 100 per cent effective, no other preparation will give equal results; also kills the eggs. 1 qt. can makes 25 gallons of Spray, \$1.25; 1 gal. can makes 100 gallons of Spray, \$3.25.

**Semesan Seed Disinfectants**



**For Vegetable and Flower Seeds.**—Diseases carried on the seed often reduce germination and cause a poor stand, lowered quality, and unsatisfactory yields. Destroy these disease organisms without injuring the seed by treating your seeds, bulbs, roots, corms and tubers with Semesan. Easily and quickly applied as a dust or liquid. Use Semesan to control seed-borne diseases and improve your vegetables. 1 oz. treats 15 lbs. of seed.

**Prices Semesan for Small Seeds and Bulbs**

2 oz., 50c; lb., \$2.50; 5 lbs., \$11.75. Postpaid, 60c; \$2.60; \$11.95.

**New Improved Semesan Jr. for Corn**

1 lb. treats 8 bushels. 4 oz., 35c; 1 lb., \$1.00; 5 lbs., \$1.75. Postpaid, 45c; \$1.10; \$1.95.

**New Improved Semesan Bel for Potatoes**

1 lb. treats 60 bushels. 4 oz., 50c; 1 lb., \$1.65; 5 lbs., \$7.00. Postpaid, 60c; \$1.75; \$7.20.

**Sheps Plant Spray**

Kills and controls plant lice, thrips, leaf-hoppers, harlequin bugs, red spiders, etc. Kills lice on turnip greens, etc. 1 1/2 oz. bottle, 25c; by mail, 35c. 8-oz. bottle, 60c; by mail, 75c.

**Sulfocide**

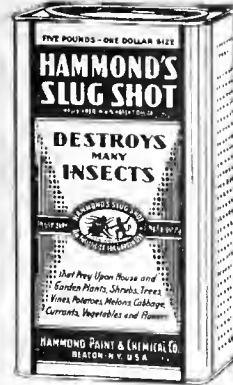


A concentrated liquid sulphur fungicide. Used on all kinds of fruits, vegetables and flowers. Convenient, economical and effective. Dilutes one gallon to two hundred gallons of water. Combines with Calcium Arsenate or Magnesium Arsenate. Where Arsenate of Lead is used, mix first with Kayso or a casein lime spreader before adding Sulfocide.

Pint, 50c; qt., 85c; gal., \$2.25. Postpaid, 60c; \$1.00; \$2.55.

**Slug-Shot**

A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to person applying it, or fruits and vegetables. Destroys Mexican bean beetles, green flies, slugs, worms. 1 lb., 25c; 5 lbs., 75c. Postpaid, 1 lb., 35c; 5 lbs., 95c.



**Liquid SLUG-SHOT**  
TRIPLE STRENGTH PLANT SPRAY

**Liquid Slug Shot with Rotenone & Pyrethrum**

Non-poisonous. 1 oz. bottle, 35c; by mail, 45c. 6 oz. bottle, \$1.00; by mail, \$1.10. 16 oz. bottle, \$2.25; by mail, \$2.40.

**Sulphur, Acme**

This is a superfine grade of sulphur especially prepared for dusting roses for black spot and other fungous diseases. Price, 3-lb. can, 40c; by mail, 60c.

**Sulphur, Powdered**

Will prevent and cure mildew; should be used on all roses in the spring; apply dry. Also used for making self-boiled Lime-Sulphur as well as dusting, etc. Lb., 10c; 5 lbs., 40c; 10 lbs., 75c. By parcel post, lb., 20c; 5 lbs., 60c; 10 lbs., \$1.10.

**Terro Ant Killer**

Dead sure and quick relief from ants of all kinds. Simply pour the preparation where ants enter the house or where they travel and Terro will do the job thoroughly. Two sizes, 25c and 50c a bottle. Postpaid, 35c; 60c.

**Thrip Juice**

For bad infestation of aphid, lice, red spider, scale, caterpillar and mealy bug. Pint can, 35c.

**Tobacco Dust**

Especially desirable for use against lice and sucking insects. By freight, lb., 10c; 10 lbs., 60c. By parcel post, lb., 20c; 10 lbs., 85c.

**Tobacco Stems**

Use them around trees of any kind when planting. Fine for nests for poultry. Bale, about 60 lbs., \$3.00.

**Tree Tanglefoot**

Use as a band on all kinds of trees; will prevent any kind of crawling insects on them. 6 oz. can, 35c; 1 lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.65. Postpaid, 45c; 75c; \$3.20 and \$5.90.



**TRI-OGEN**

The complete protection and spray treatment on roses, etc. Kills chewing insects aphid, plant lice, thrips, leaf hoppers, beetles, rose chafers, white fly, lace wing fly and in addition, controls diseases such as black spot, rust, mildew, blight, etc. It stimulates growth. Tri-ogen is harmless to foliage and blooms. Small Kit, makes 16 qts. .... \$1.50  
Medium Kit, makes 64 qts. .... 4.00  
Large Kit, makes 32 gallons. .... 6.00  
Postpaid, Small, \$1.70; Medium, \$4.25  
Large, \$6.25.

**Tree Wound Paint**

When pruning heavy branches of trees paint them with this material. It's also good to heal bruises and keep out infection. 1/2 pt can, 40c; mailed, 50c.

**Tree Killer Champion**

For trees, shrubs and vines. Trees die quicker, stumps rot quicker than old method of deadening. Will kill Johnson grass, sprouts, grubs, etc. Gallon, \$1.25, f.o.b. Memphis.

**Volek**

A powerful insecticide used as a spray to overcome mildew, red spider, aphid, white flies, mealy bugs, etc. Volek is easy and pleasant to handle and has no odor. 1/2 pt., 35c; pt., 50c; qt., 75c; gal., \$2.00. By parcel post, 1/2 pt., 45c; pt., 65c; qt., 95c. Garden Volek with Nicotine, 3 1/2 oz. tin, 35c; by mail, 45c. Pt., \$1.00; by mail, \$1.15.



**Weed Killer, Hammond's**

Kills Coco, Johnson Grass and Poison Ivy highly concentrated. Can be diluted with 20 parts of water. Gallon cans, \$1.50 each. Not mailable.

**ATLACIDE**  
CHLORATE WEED KILLER

The safe and sure weed killer used by the Federal Government and recommended by State Experimental Stations for killing noxious weeds and grasses such as Johnson grass, poison ivy, quack grass, Canada thistle, etc.

Atlacide does not permanently affect soil fertility, therefore, is better than salt. It is effective for use on driveways and tennis courts where grasses become a nuisance. Atlacide can be applied as a dust or spray with satisfactory results.

If you want to rid your farm of patches of Johnson grass, we urge you to use Atlacide Chlorate Weed Killer. Circulars mailed on request.

5 lb. pkg., \$1.50; 15 lb. drum, \$3.50; 100 lb. drum, \$13.50; 50 lb. drum, \$7.00; 200 lb. drum, \$26.00.

**Zinc Sulphate**

If your peaches, just before ripening, split or crack, which disease is known as Bacterial Fungus, then use 2 lbs. of Zinc Sulphate to each 50 gallons of any Sulphur spray combination. Of course, always use Arsenate of Lead in the mixture. Use the Zinc Sulphate in the petal fall application. 1 lb., 15c; 2 lbs., 25c; 5 lbs., 50c; 25 lbs., \$2.00. By mail, 1 lb., 25c; 2 lbs., 40c; 5 lbs., 70c.

# R.-H. Co.'s FERTILIZER

## HOW TO USE FERTILIZERS

Fertilizers can always be used to good advantage by opening up the row, sprinkling thinly the fertilizer; then cover same with a little soil and then sow your seed. Or, they can be used by working them into the soil along the rows after the plant is up, care being taken not to let it come in contact with the leaves or stem of the plant. For plants that are transplanted, work the fertilizer into the soil thoroughly before transplanting, using from a teaspoonful to a small handful, according to the size and the nature of the plant.

Fifty pounds of Garden Fertilizer is sufficient for a garden 40x50 feet. For all field crops, use from 200 to 400 pounds per acre, according to the soil.



### Aluminum Sulphate

When added to the soil at rate of 2 lbs. to 20 square feet, gives plants vigor and increased growth. Used also to change color of blooms on Hydrangeas.

1 lb., 15c; 10 lbs., \$1.00. By mail, 1 lb., 25c; 10 lbs., \$1.30.

### R.-H. Co.'s Bone Meal

Bone meal is an excellent fertilizer for all kinds of fruit trees, rose bushes, grape vines, bulbs, ferns, and other potted plants, and for grass crops. It is especially desirable for producing solid, firm growth, which is an important feature in fertilizing the orchard, shade trees, shrubs, etc. Fine for lawns.



### Bone Meal Regular Grade

5 lbs., 25c; 25 lbs., 90c; 100 lbs., \$2.25. By mail, 5 lbs., 45c.

### Bone Meal Rose Grower

A Superior Grade Especially Fine for Roses

4 lbs., 25c; 25 lbs., \$1.25; 100 lbs., \$3.50. By mail, 4 lbs., 45c.

### Fairway

The plant food that feeds grass immediately; builds soil permanently. 25-lb. bag, \$1.25; 100-lb. bag, \$3.50.

### Peat Moss



A moisture retaining humus. Quickly decays so that it is available for plant food. It is excellent for potting bulbs and also for clayey soils, gravelly soils, flower beds, hotbeds, and as a winter protection for lawns. It is also good for mulching roses, perennial flower beds, evergreens, etc.

Dampen some Peat Moss, then spread over freshly sown flower or vegetable seeds and watch the seeds germinate quickly. Remember Peat Moss retains the moisture and keeps the soil from baking.

1 bu. bag, 50c; half bale, \$2.00; full bale, about 20 bu., \$3.00.

### R.-H. Co.'s Commercial Fertilizers

Prices on request. Analysis as follows:

	Nitro.	Phos.	Pot.
Good Luck corn fertilizer..	4%	8%	4%
Good Luck cotton fertilizer	4%	8%	4%
R.-H. Co.'s Garden Fertilizer .....	4%	8%	4%
R.-H. Co.'s Veg. Fertilizer.	3%	8%	6%
R.-H. Co.'s Acid Phos. ...		16%	
R.-H. Co.'s Muriate Potash			48%
R.-H. Co.'s Kainit.....			20%

Quantity Prices: For prices on above fertilizers, see Green Ink List enclosed.

### Lime

Pulverized, fine, especially good for use on sour soil and where ground worms frequent. It purifies and sweetens soils. 10-lb. bag, 35c; 40-lb. bag, 60c. Cannot be mailed.

### Nitrate of Soda



Everyone that used Nitrate of Soda on the cotton crops was well repaid for the expense. Application of Nitrate of Soda on cabbage, lettuce, beets, etc., makes them more crisp and tender. Always remember that Nitrate of Soda must be used carefully, as it is a caustic and will burn plants if used too liberally.

It requires about 150 pounds of Nitrate of

Soda to the acre.

Prices: 5 lbs., 25c; 15 lbs., 60c; 25 lbs., 75c. Postpaid, 5 lbs., 45c; 15 lbs., 90c.

### Garden Fertilizer 4-8-4

The most largely used grade for all garden crops, tomatoes, potatoes and corn. Contains a balanced plant food that makes bigger crops. 10 lbs., 40c. Postpaid, 10 lbs., 65c.

Quantity prices on all fertilizers given on Green Ink List enclosed.

### Germaco

# Hotkaps

## New Method of Plant Protection



Germaco Hotkaps are patented wax paper cones that completely cover each plant—the only way to fully protect them from frost. They are an "individual hot-house for each plant," protecting them not only from frost, but from wind, rain, ground-crushing, and insects as well. This is your assurance of

earlier, bigger crops, and early-to-market prices.

This is a miniature greenhouse; keeps cold, light frosts, wind, etc., from plants. Cover seed like Cantaloupe, Squash, Cucumbers, Melons with a Hot Kap. They are then protected. Pinch a few holes in the paper for ventilation and watch the plants grow.

Full directions in free circular.

PRICES. 100 Hotkaps with garden setter and tamper, \$2.40. By mail, \$2.60.

250 Hotkaps with one garden setter and tamper, \$3.65. By mail, \$3.90. Garden setter alone, 50c. By mail, 60c.

1,000 Hotkaps without setter, \$9.75.

STEEL HOTKAP SETTER AND TAMPER. Used when large quantities are set. \$1.50 extra. By mail, \$1.75.

Steel tamper alone, 25c. By mail, 35c.

### Sheep Manure

A pure natural manure, free from all noxious weeds. Highly recommended and used largely as a fertilizer for lawns, potted plants, vegetables, flowers, etc. It furnishes a natural humus to the soil, giving immediate and lasting results. Easy to use and safe, as it does not burn.

It may be used at the rate of 20 to 50 lbs. to every 1,000 square feet in a dry form, or 500 to 1,000 lbs. per acre.

5 lbs., 25c; 25 lbs., 75c; 50 lbs., \$1.10; 100 lbs., \$1.75. By mail, 5 lbs., 40c.

# STIM-U-PLANT

Stim-U-Plant is an odorless, highly concentrated plant-food, in tablet form, guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash.

Pkg. 10 tablets, 10c; pkg. 30 tablets, 25c; 100 tablets, 75c; 1000 tablets, \$3.50. Mailed, 15c, 35c, 85c and \$3.75.

### Sulphate of Ammonia

A wonderful fertilizer for lawn, garden or orchard. Guaranteed 25 1/4 per cent ammonia, highly concentrated, quick acting. Ammonia supplies nitrogen, the most essential plant food.

Prices in bulk: 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 75c. By mail, 5 lbs., 45c; 10 lbs., 70c.

### Vigoro

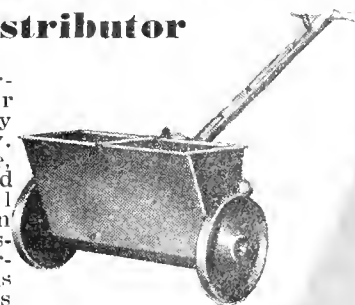


For the Vegetable and Flower Garden, Lawn, Shrubbery and Trees. A highly concentrated odorless plant food made by Swift & Co. Produces wonderful results when making new lawns or top dressing old ones. Vigoro produces more and more brilliant flowers, full foliaged shrubbery, delicious vegetables and leafy trees. It is the ideal plant food for whatever you grow. Write for descriptive pamphlet.

1-lb. pkg., 10c; 5-lb. pkg., 45c; 10-lb. pkg., 85c; 25-lb. bag, \$1.50; 50-lb. bag, \$2.50; 100 lbs., \$4.00. Postpaid, 1-lb. pkg., 20c; 5-lb. pkg., 70c; 10 lbs., \$1.10.

### Lawnette Fertilizer and Seed Distributor

Spreads fertilizer, lime or seeds, evenly and accurately. Saves time, worry and labor. Ideal for sowing on windy days, especially desirable on lawns since it puts down the fertilizer properly and evenly. It is equipped with gauge, etc., for controlling proper quantity to use. Easy running, sturdy machines that will last for years if properly taken care of. Made in 2 sizes.

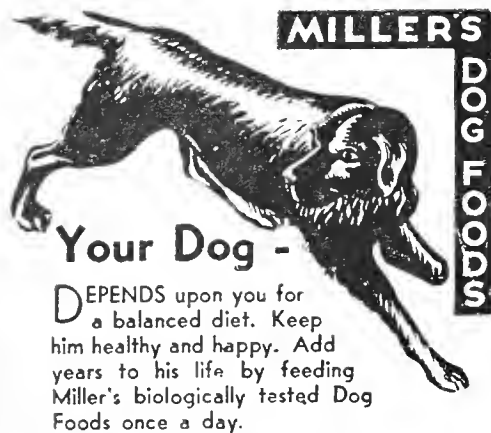


No. 15—14" wide.....\$2.75  
No. 215—21" wide..... 9.50

# R.-H. Co.'s Dog Foods

It pays to use our prepared Dog Foods as your dogs will keep in better condition and health. We are headquarters for the best Dog Foods and sell at factory prices as we are carlot buyers. Our stocks are always fresh and dependable, all manufactured on a scientific, balanced ration basis.

QUANTITY PRICES ON DOG FOOD GIVEN ON GREEN INK LIST.



Your Dog -

DEPENDS upon you for a balanced diet. Keep him healthy and happy. Add years to his life by feeding Miller's biologically tested Dog Foods once a day.

## Miller's Dog Ration

Miller's Dog Ration is one of the best balanced dog feeds in the United States. Contains cereals, meat, bone, yeast and cod liver oil. It is fed to hunting dogs, police dogs, fox terriers, bulldogs and all other kinds—it is also fine for puppies. It is cooked and ready to use when received. 3 lbs., 25c; 10 lbs., 60c. Postpaid, 3 lbs., 40c; 10 lbs., 85c.

## Miller's Meaties

The Cube form of Miller's Dog & Puppy Ration. A most convenient method of feeding dogs, and do they like it! No other cube form of dog feed can compare with Miller's Meaties. The animal is the judge, he knows best what he likes.

More meaties! More meaties! If the dog could speak, you would soon find out what he wants. Miller's Meaties are a balanced ration, containing the necessary carbohydrates, proteins, fats and minerals that is suited for the dog's health, in addition to Yeast and Cod Liver Oil.

All in cube form, a most convenient food to have on hand, ready instantly for feeding the pets. 3 lbs., 25c; by mail, 40c. 10 lbs., 70c; by mail, 95c.

"I CAN HELP YOUR DOG LIVE LONGER"

## Miller's Dog Biscuit



Miller's Biscuits—besides providing the gnawing foods all dogs need for clean, strong teeth, healthy gums, and good digestion—supply food for all of your dog's body so that no organs age faster than others through lack of correct nourishment. Help your dog live longer. Feed Miller's Biscuits 4 or 5 mornings a week.

2 lbs., 25c; 10 lbs., \$1.00. Postpaid, 2 lbs., 35c; 10 lbs., \$1.25.

## Miller's Kibbled Biscuit

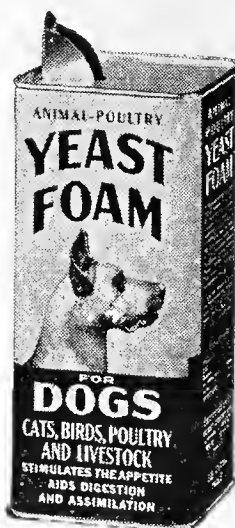
Miller's A-1 Kibbled Dog Biscuit is the same as whole only in broken form, which makes it convenient for mixing with vegetables, meat, fish, soups, broths, etc. 2 lbs., 25c; 10 lbs., \$1.00. Postpaid, 2 lbs., 35c; 10 lbs., \$1.25.

## Miller's Puppy Meal

Miller's A-1 Puppy Meal is especially adapted for the tender digestive organs of puppies. 2 lbs., 25c; 10 lbs., \$1.00. Postpaid, 2 lbs., 35c; 10 lbs., \$1.25.

## Animal Yeast Foam

The amazing food supplement that keeps dogs and cats healthier and happier. Improves appetite and digestion, gives thicker, glossier coat, keeps skin cleaner. Builds up health and vigor of all pets. Feed it as directed and you won't have any ailing dogs. 12 oz. can, 50c; by mail, 60c. 4 lb. box, \$1.00; by mail, \$1.15.



## Champion Dog Foods

Champion Dog Food is a complete and balanced diet for all ages and breeds of dogs. It contains a large content of fresh meat, white flour, whole wheat, corn meal and oat meal, also pure cod liver oil to furnish vitamins and prevent rickets, and various mineral salts to strengthen the bones.

	2 lbs.	10 lbs.
Champion Dog Biscuit	\$0.25	\$1.20
Champion Kibbled Biscuit	.25	1.20
Champion Puppy Biscuit	.25	1.20
Champion Puppy Meal	.25	1.20

By mail, 2 lbs., 35c; 10 lbs., \$1.45

## Bennett's Dog Biscuit

A superior biscuit. Keeps dogs in good condition. Per box, 35c; by parcel post, 45c.

## Bennett's Puppy Biscuit

Especially prepared for puppies. Per box, 35c; by parcel post, 45c.

## Brown's Supercedar Kennel Bedding

Here is an article that you will appreciate: a cedar bedding for all dogs, containing all the oil and original odor of the red cedar wood. Brown's Supercedar keeps down flies, is sanitary; keeps down that doggy smell. 5 lb. bag, 35c; 50 lb. bag, \$2.00. By mail, 5 lb. bag, 55c.



## Rhito Wormer

For expelling round and pin worms in dogs and puppies. It is pure, a vegetable preparation, therefore, safe and effective. 25c a box, postpaid.

## Rhito Laxative Pills

Should be given after all worm treatment in dogs and puppies. It makes the worm medicine more effective as it drives the worms out of the system. Per box, 25c, postpaid.

## P. H. Powders

A marvelous powder for pets, dogs, puppies, cats, rabbits, etc. If the animal gets off food, use P. H. Powders and watch the benefits. Guaranteed not to injure any pet even if fed in excessive doses. 4 oz. size, 50c; 1½ lb. size, \$1.50. By mail, 4 oz., 60c; 1½ lb., \$1.60.

## Bee Brand Insect Powder

6 oz. cans, 35c; mailed, 45c



## Miller's Quick Lunch

A clean meat product, 60% beef, designed to meet the needs of a quick lunch for dogs, puppies and cats. Rich in protein and organic matter. Can be used as a complete food, or with Miller's Ration. 1 lb. can, 10c; 12 cans, \$1.10. Postpaid, 1 can, 20c; 12 cans, \$1.50.

## Ken-L-Ration

The Dog Food Supreme. These Foods Are Literally Full of Vitamins. Composed of clean, wholesome meat, the best grade of cereals and Norwegian cod liver oil. A perfect balanced ration. 1 lb. can, 10c; 12 cans, \$1.00. Postpaid, 1 can, 20c; 12 cans, \$1.40.



## Cooper's Pine Oil Disinfectant

Holds down odors and fleas in kennels, in addition gives a healthy condition to all surroundings. 8 oz. bottle, 50c; mailed, 65c.

## Kit-Kat

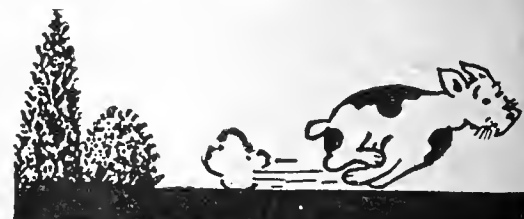
Keeps cats from having worms, constipation, sore eyes, humors and all diseases peculiar to cats. 25c a box. Mailed, 35c.

## Fleischmann's Irradiated Dry Yeast

Will keep your dogs and puppies in the pink of condition. Prevents worms and black tongue, being rich in vitamins B, G, D. 3½ oz. can, 25c; 8 oz. can, 50c; 1 lb. can, 85c; 5 lb. can, \$3.50. Postpaid, 35c; 60c; 95c; and \$3.70.

## Bee Brand Shampoo

Acts as a shampoo and kills all insects at the same time. Bottle, 30c; by mail, 40c.



"DOGZOFF"  
Copyright 1933

Spray it on shrubs and evergreens to keep them from becoming a nuisance and to prevent the Evergreens from dying; not offensive to human beings. One spraying will last three or four weeks. Will also drive out moles when put into the runs. Bottle, 60c; by mail, 69c.



**Dog Skat**

Will keep dogs from evergreens, shrubs and plants, etc. Dogs and cats hate it. Guaranteed to do the work. Per tube, 30c; by mail, 40c.

**Duplex Stripping Comb**

Strips and trims any dog, gives a smooth even finish. Complete with six blades. \$1.35 postpaid.

**Duplex Trimming Chart**

A most complete chart tells you how to strip most all the long hair dogs. It's worth the price. \$1.00, postpaid.



**Pulvex**

Kills fleas, safe and effective. 2 oz. cans, 50c; by mail, 55c. 12 oz. cans, \$1.25; by mail, \$1.35.

**Pulvex Dry Cleaner**

Removes doggy odor, kills fleas; applied dry, easy to use, grooms the hair beautifully. 4 oz. cans, 50c; by mail, 55c.

**Pulvex Dog Soap**

At last a dog soap that oils, tones, grooms, kills fleas, deodorizes, cleans all in one operation. It's the only 6-use dog soap. 50c box, postpaid.

**Pulvex Worm Capsules**

The New Wormer that expels round, hook and tapeworms in a single treatment. Both for puppies and dogs. Box 12 capsules, 75c, postpaid.

**Dicapho**

Dicapho is rich in lime and phosphates. Builds up the bones, prevents rickets, aids digestion. One teaspoonful mixed with the dog food daily is sufficient. 1 lb., bulk, 15c; 5 lbs., 60c. By mail, 1 lb., 25c; 5 lbs., 75c.

**West's Bird Food and Remedies**



	Per pkg.	Post-paid
West's Magnesia Grit	\$0.10	\$0.20
West's Rape & Canary Mixture	.20	.30
West's Moulting Food, Glass	.25	.35
West's Bird Charcoal	.10	.15
West's Imported Bird Seed with Honey Bun Grit, Cuttle Bone	.25	.35
West's Song Restorer, Glass	.25	.35
West's Vitamin Song Food	.25	.35
West's Lice Powder, Sifter Top	.10	.15
West's Bird Tonic and Bitters	.25	.35
West's Color and Pepper Food	.25	.35
West's Special Mating Food	.25	.35
West's Parakeet Seed	.25	.35
West's C. L. Oil Nestling Food	.25	.35
West's Parrot Food	.25	.35
West's White Golden Spray		
Gravel	.15	.30
West's Health Bells	.10	.15
West's Egg Bread	.20	.30
West's Fruit & Honey Balls	.10	.15

**Trip-El Worm Capsules**

A sure remedy against Round, Tape and Hook Worms. It is safe, sure, and gets all kinds of worms at one treatment. Made in two sizes for Puppies and grown Dogs. Box, 35c; postpaid, 40c.

**Kur-Mange**

Fine for the dog's coat. Cures skin diseases. 4-oz. can, 75c; by mail, 85c.

**Sergeant's Dog Remedies**

	Each	Post-paid
Sergeant's Arsenic Iron Pills	\$0.60	\$0.65
Sergeant's Canker Wash	.60	.65
Sergeant's Carbolic Tar Soap	.25	.30
Sergeant's Condition Pills	.60	.65
Sergeant's Disinfectant, 4 ozs.	.25	.35
Sergeant's Disinfectant, 12 ozs.	.50	.65
Sergeant's Diuretic Pills—		
Rheumatism	.60	.65
Sergeant's Expectorant Medicine—		
Coughs	.60	.65
Sergeant's Eye Wash	.60	.65
Sergeant's Intestinal Astringent—		
Diarrhea	.60	.65
Sergeant's Laxative Capsules	.60	.65
Sergeant's Liniment	.60	.65
Sergeant's Mange Medicine	.65	.75
Sergeant's Mouth Wash	.60	.65
Sergeant's Nerve Sedative—		
Running Fits	.60	.65
Sergeant's Pepsin Tablets	.60	.65
Sergeant's Puppy Worm Caps.	.60	.65
Sergeant's Skip Flea Powder	.25	.35
Sergeant's Skip Flea Soap	.25	.30
Sergeant's Special Distemper	1.20	1.30
Sergeant's Worm Capsules	.60	.65
Sergeant's Worm Liquid	.60	.65
Sergeant's Tape Worm Medicine	.60	.65
Sergeant's Cod Liver Oil Caps.	.60	.65

**Glover's Dog Remedies**

	Each	Post-paid
Glover's Antiseptic Mouth Wash	\$0.60	\$0.70
Glover's Canker Wash (for ears)	.60	.70
Glover's Comp. Sulphur Tablets	.60	.65
Glover's Condition Pills	.60	.65
Glover's Diarrhea Medicine	.60	.70
Glover's Digestive Pills	.60	.65
Glover's Expectorant Mixture	.60	.70
Glover's Eye Lotion & Eye Wash Powder	.60	.70
Glover's Fever Reducer for Distemper	1.00	1.10
Glover's Iron Tonic	.60	.70
Glover's Flea and Insect Powder	.50	.60
Glover's Kennel and Flea Soap	.25	.30
Glover's Laxative Pills	.60	.65
Glover's Liniment	.60	.70
Glover's Mange Medicine	.75	.85
Glover's Medicated Soap	.30	.35
Glover's Nerve Sedative, Fits	.60	.70
Glover's Round Worm Capsules	.60	.65
Glover's Round Worm Vermifuge	.60	.65
Glover's Sore Foot Medicine	.60	.70
Glover's Tape Worm Capsules	.60	.65
Glover's Tet. Capsules	.60	.65

**Bird Supplies**

**Spratt's Bird Food**

	Pkg. Each	Post-paid
Spratt's Egg Flake Canary	\$0.25	\$0.35
Spratt's Parrot Food	.25	.35
Spratt's Sing Song Tablets	.15	.20
Spratt's C. L. Oil Nestling	.15	.20
Spratt's Lovebird Mixture	.25	.35

**Bird Seed and Remedies**

	Lb.	Post-paid
R.-H. Co.'s Mixed Canary	\$0.15	\$0.25
R.-H. Co.'s Mixed Canary, 10 lbs.	\$0.90	1.15
R.-H. Co.'s Bird Hemp	.10	.20
R.-R. Co.'s Bird Rape	.15	.25
R.-H. Co.'s Bird Millet	.10	.20
R.-H. Co.'s Plain Canary	.15	.25
R.-H. Co.'s Sunflower Seed	.15	.25
French Bird Seed, 10 oz. pkg.	.15	.25

**Sopex**

Destroys lice and fleas and cleanses the animal. 4 oz. can, 75c; by mail, 80c.

**"Tet" for Worms**

**Tetrachlorethylene**

Tetrachlorethylene is endorsed by the U. S. Department of Agriculture as the safest known effective wormer for Dogs and Puppies. Prevents and cures Running, Barking Fits and Sore Mouth.

Box for large size dogs, \$1.00. Per box for small size dogs, \$1.00. Per box medium capsules, \$1.00, postpaid.

**Delereo Dog Remedies**

The Delereo Dog Remedies are accepted and endorsed by the leaders of the kennel world.

**Delereo—For Distemper and Black Tongue:**

	Each	Postpaid
4 oz. bottle	\$1.50	\$1.60
16 oz. bottle	5.00	5.25
Delereo Tonic, 4 oz. bottle	.75	.85
Delereo Cod Liver Oil, 4 oz.	.30	.40
Delereo Cod Liver Oil, qt.	1.00	1.15
Delereo Laxative	.35	.45
Delereo Sulfminol	.50	.60
Delereo Worm Capsules—		
Puppy size	.60	.65
Dog size	.60	.65
Delereo Sulphur Compound	1.00	1.10

**Q. W. Dog Remedies**

These well-known dog medicines are preferred by many kennel owners because they give results:

	Each	Post-paid
Q. W. Breeding Tablets	\$1.25	\$1.35
Q. W. Condition Powder	1.00	1.05
Q. W. Constipation Pills	.65	.70
Q. W. Cough Mixture	.65	.75
Q. W. Diarrhoea Remedy	1.25	1.30
Q. W. Diserol, for Distemper	2.00	2.10
Q. W. Dog Soap	.35	.40
Q. W. Ear Canker Lotion	1.25	1.30
Q. W. Eye Salve	1.00	1.05
Q. W. Fit Tablets	.95	1.05
Q. W. Flea Oil, Coat Dressing	.65	.75
Q. W. Flea Powder	.50	.60
Q. W. Healing Salve	.65	.75
Q. W. Liniment	.75	.85
Q. W. Sulphur Compound	1.00	1.05
Q. W. Mange Lotion	1.00	1.05
Q. W. Cod Liver Comp.	1.25	1.30
Q. W. Rheumatism Tablets	.65	.70
Q. W. Tapeworm Mixture	1.00	1.05
Q. W. Tonic	.65	.75
Q. W. Verminol	.75	.85
Q. W. Worm Capsules	.65	.70
Q. W. Worm Mixture	.65	.75
Q. W. Insect Powder, Fleas	.50	.55

**Interno Remedy**

Especially made for Sarcopic or inward mange. Interno for Dogs, \$2.00, postpaid. Interno for Puppies, \$1.50, postpaid.

**Eight-In-One Health Song and Vigor Restorer**

A quick relief for colds and loss of song and moulting out of season in canaries. 3 oz. bottle, 25c; by mail, 35c.

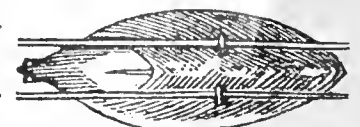
**Goldfish Food**

	Pkg. Each	Post-paid
Spratt's Aquarium Fish Food	\$0.10	\$0.15
Wafer Fish Food	.10	.15
Tropical Fish Food	.15	.20
West's Turtle Food	.15	.20



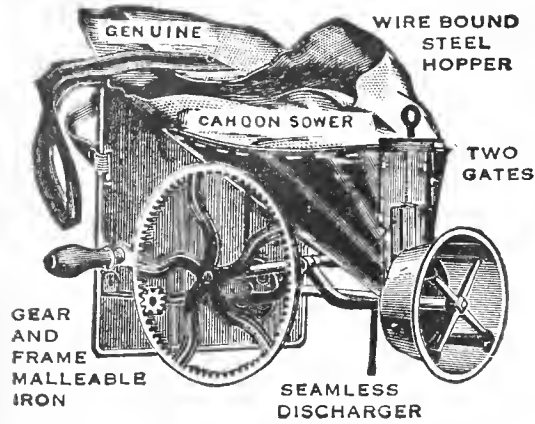
**Cuttle Fish Bones**

Loose, 2 for 5c; 1 lb., 50c. By mail, 2 for 10c; lb., 60c.



# Seed Sowers

## Cahoon Broadcast Seed Sower



One of the best seeders manufactured, and sows all kinds of grain. Clover seeds, Lespedeza, etc. Very strong and durable. Each, \$4.50; by parcel post, \$4.75.

## Cyclone Broadcast Seed Sower



Will sow Timothy, Clover, Lespedeza, Oats, Rye, Wheat, Millet, Grass Seeds, Peas, Sorghums, etc. Works perfectly; has an agitating feed plate which insures a uniform flow of seed. Each, \$2.25; by parcel post, \$2.45.



## Thompson's Wheelbarrow Seeder

The fastest grass seeder on the market. Easy running and light weight, complete, only 50 pounds. The seed is never bunched. Seed is sown close to ground, hence the wind does not blow it.

No. 3—Double Hopper. 14 feet in length, having an extra deep hopper, is the best for sowing Alfalfa, Clovers, Millet, Timothy, Grasses, etc. With Chain feed. Each ..... \$14.50  
 No. 12—Standard Double Hopper. 14 ft. Chain feed. Each.....\$13.50

## The Horn Seed Sower

A splendid little tool. Will sow any fine seed like Clover, Lespedeza, Timothy, Alfalfa and Grasses. Each, 90c; by parcel post, \$1.00.

# Garden Tools—Flower Pots

### Baskets

	Each	Doz.
½ bu. wire bale, picking...	\$0.15	\$1.50
1 bu. side handle, stave...	.10	1.00

### Corn Planters



One hand adjustable. Each No. 306. \$1.75  
 Two hand adjustable. Each No. 311. \$1.25

### Cotton Pick Sacks

8 oz. Osnaburg heavy material  
 4½ ft..Each, \$0.60 7½ ft..Each, \$0.85  
 6 ft..Each, .75 9 ft..Each, .95

### Flower Hanging Baskets

12 inch, each, 25c; mailed, 35c  
 15 inch, each, 40c; mailed, 55c  
 Moss for Baskets. Lb., 35c; mail, 45c.

### Flower Pots—Standard

	Doz.	100
2 inch.....	\$0.20	\$1.00
2½ inch.....	.24	1.50
3 inch.....	.30	1.75
4 inch.....	.35	2.50
5 inch.....	.60	4.50
	Each	Doz.
6 inch.....	\$0.10	\$0.90
7 inch.....	.12	1.25
8 inch.....	.20	2.10
10 inch.....	.35	4.00
12 inch.....	.75	8.00



### Paper Pots

	100	1000
2 ¼ inch.....	\$0.50	\$4.00
2 ½ inch.....	.55	4.50
3 inch.....	.65	5.50
4 inch.....	.90	8.00
Postpaid, 15c, 100 Extra		

### Hedge Shears

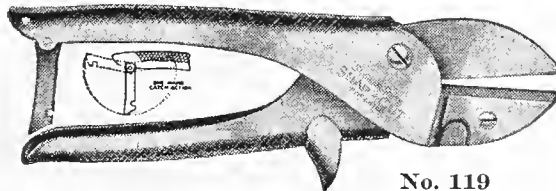


	Each	Mailed
No. 106—6-inch .....	\$0.95	\$1.15
No. 108—8-inch .....	1.40	1.60
No. 109—9-inch .....	1.75	2.00

### Mole Trap

Reddick, each, \$1.25; mailed, \$1.45.  
 Little Giant, 95c; mailed, \$1.15.

### Pruning Shears, Hand



	Each
No. 119 Snap Cut .....	\$1.40
No. R-10 Hand Shears .....	.60
No. V-179 Hand Shears .....	.90



	Each
No. V-20, 26-inch handle .....	\$1.75
No. V-30, 26-inch handle .....	2.25
No. 166 Pruning Saw, curved.....	1.25
No. 3 Polished Grasnip .....	.60
No. 1 Notched Grasnip .....	.85
By mail, add 15c each.	

### Garden Flower Shears

New. Snips and holds the flower at one operation. Holds stem and saves hands. Specially priced, 59c pair; by mail, 70c.

### Peach Baskets

3-Quart size, \$1.10 per 100; 1000, \$10.00. Mailed, \$1.60 per 100.

### Pot or Plant Labels

	100	1000
4-in., 1 ¼ in. wide.....	\$0.35	\$2.00
5-in., 1 ¼ in. wide.....	.40	2.25
10-in., 1 in. wide.....	.60	4.50
18 in., 2 ¾ in. wide, doz., 35; 100, \$2.50.		

### Plant Stakes

	Doz.	100
Green Bamboo, 4 ft. ....	\$0.20	\$0.90

### Clipper Seed Cleaners

The vertical air blast cleaner, fans and separates all kinds of seeds and grain. Ask for circular.

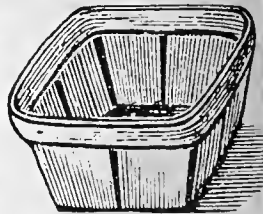
Price No. 1-B with Screens.....\$39.00  
 Price No. 2-B with Screens..... 45.00

### Raffia

Natural, in 2 lb. hanks. Lb. .... 30c

### Strawberry Boxes

1-Pint, 70c per 100; mailed, \$1.00.  
 \$5.50 per 1000.  
 1-Quart, 75c per 100; mailed, \$1.15. \$6.00 per 1000.



### Tree Pruners



No. 12 Telephone, less pole ..... \$1.35

### Tree Labels

3½ in. copper wired, plain. 100, 35c; 1000, \$2.00. Postpaid, 100, 50c; 1000, \$2.40.

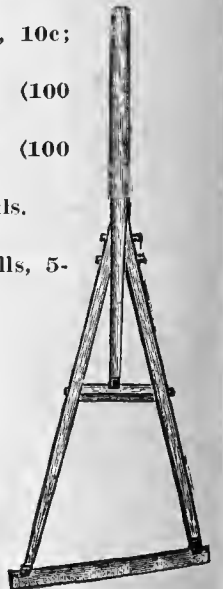
### Twine

2-Ply Jute, ½-lb. ball, 10c; 11 balls, \$1.00.  
 2-Ply Jute, 50-lb. coil (100 ends), \$8.50.  
 2-Ply Jute, 25-lb. coil (100 ends), \$4.75.  
 Binder Twine, 5-lb. balls. Each, 60c.  
 Cotton Twine, 3-oz. balls, 5-lb. bag for \$1.75.

### Weed Cutters

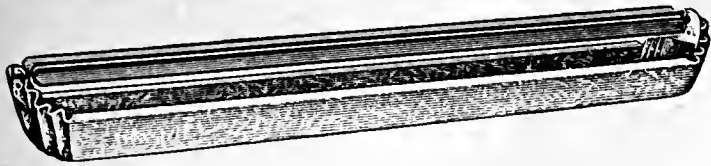
Lively two-edged weed cutters. Each, \$1.00.

Extra blades for same. Each, 50c.



# R.-H. Co.'s Chick and Poultry Feeders

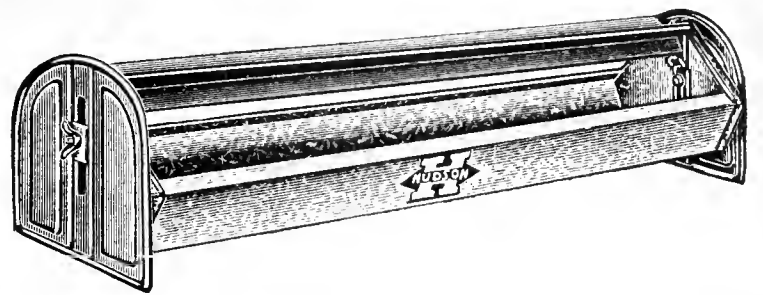
## R.H. Co.'s Leads All Chick Feeder



Equipped with balanced four reel blade, red enameled and adjustable for different size chicks. One piece die stamped 1 3/8 inches deep; 2 3/8 inch bottom width, 4 inch top width. The trough has feed saving curved lip for chick safety and feed economy.

- No. 218—Feeder, 18 in. long, each, 20c; by mail 30c.
- No. 224—Feeder, 24 in. long, each 25c; by mail 35c.
- No. 236—Feeder, 36 in. long, each, 35c; by mail 50c.
- No. 101—Feeder, 10 inch 2 reel blade, each, 10c; by mail 20c.

## R.H. Co.'s Combination Chick Feeder



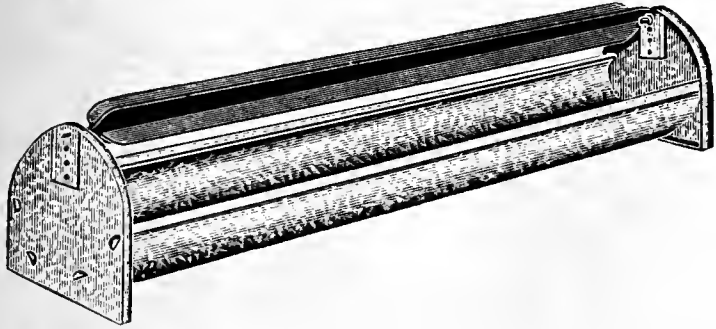
This new feeder with its adjustable metal stands and the movable four blade balanced red enamel reel is designed to take care of chicks from one day old to well past the broiler stage.

The feeder may be raised from week to week as chicks grow; with feeder and reel at top position, this is an ideal outfit for broilers

Feed Trough is 2 1/4 in. deep, 5 in. wide at bottom, 4 3/4 in. wide at top with 3/4 in. feed saving lip, all edges are folded or curled.

- No. 536—Feeder, 36 in. long, each, \$0.80; by mail \$1.10.
- No. 548—Feeder, 48 in. long, each, 1.00; by mail 1.35.

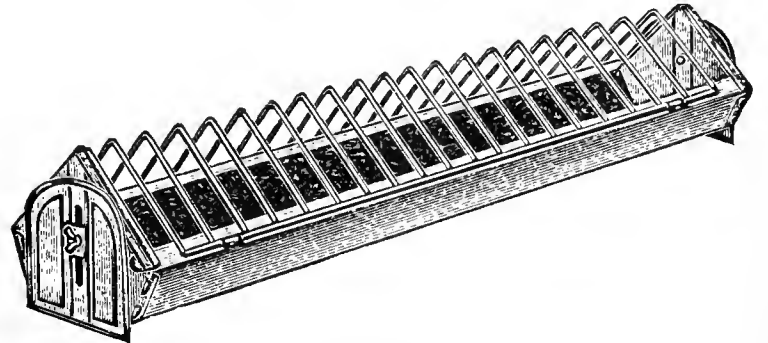
## R.H. Co.'s Growing Chick Feeder



A new and improved feeder with round bottom trough, suitable for day old or six weeks chicks. New 4 blade reel is red enameled and adjustable to 4 positions on shouldered pins for instant spinning, therefore prevents chicks from getting into the trough when adjusted properly.

- No. 324—Feeder, 24 in. long, each 35c; by mail 50c.
- No. 336—Feeder, 36 in. long, each, 45c; by mail 65c.
- No. 348—Feeder, 48 in. long, each, 60c; by mail 85c.

## R.H. Co.'s Dandy Broiler Feeder



Excellent for growing chicks and finishing broilers. Accommodation for the growing birds is made by raising stands as chicks get larger. One wing nut sets the adjustment up to 2 3/4 inches above floor level.

The galvanized trough is of extra heavy steel, large capacity, 6 1/2 inches at top, 3 inch depth with full 1 inch feed saving lip, no rough edges to injure chicks. The hinged grill makes cleaning and filling easy; Grill wires spaced 1 3/8 inches apart.

- No. 730—Feeder, 30 in. long, each, \$0.95; by mail \$1.25.
- No. 748—Feeder, 48 in. long, each, 1.35; by mail 1.70.

## R.H. Co.'s Buttermilk Trough



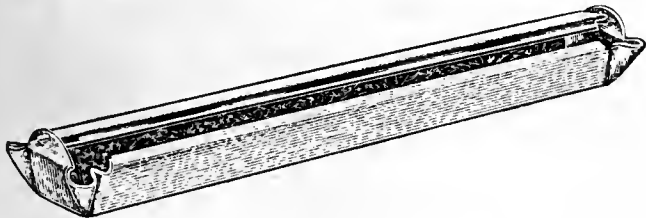
New popular priced feeder or waterer for Buttermilk, Medicine, feed or water.

Four blade red enameled reel adjustable to two positions.

One piece die formed trough, heavy charcoal tin; 24 inches long, full 1 3/8 inch deep, 2 3/8 inches at bottom and 4 inches at top.

- No. 224—Feeder, 24 inch, each, 40c; by mail 60c.

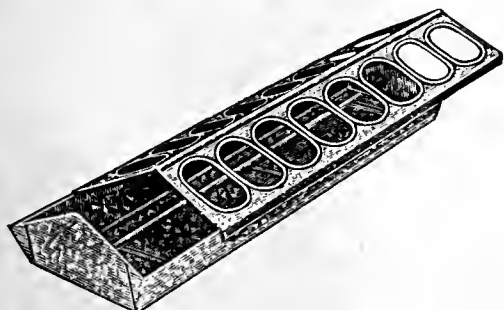
## R.H. Co.'s Winner Chick Trough



Made in one piece with revolving metal reel, flange prevents feed waste. Can be used as a drinking trough.

- No. 104—10 in. long.....Each, 10c; by mail 20c
- No. 105—16 in. long.....Each, 15c; by mail 30c
- No. 106—22 in. long.....Each, 20c; by mail 35c

## R.H. Co.'s Slide Grill Double Feeder

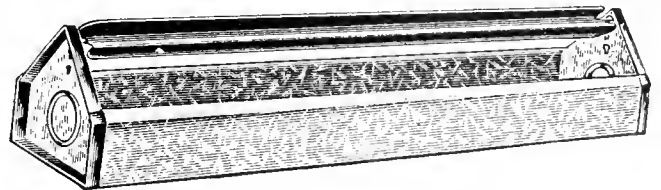


Suitable for chicks and growing stock. Slide top makes them easy to fill and clean.

Trough 1 1/4 in. deep, 4 in. wide.

- No. 10—10 in., 16 holes, each, 15c; 2 for 25c.
- No. 20—20 in., 30 holes, each, 20c; by parcel post 30c.

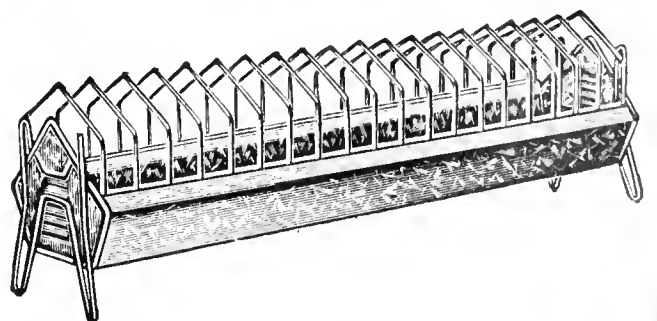
## R.H. Co.'s Perfection Chick Trough



Will feed day old or 8 weeks old chicks. A real purpose square bottom feeder at a low price. Made of heavy 26 gauge galvanized steel, 4 inches wide and 2 inches deep; turned flange along trough edges prevents feed waste.

- No. 342—24 in. long.....Each, 35c; by mail 45c
- No. 343—36 in. long.....Each, 45c; by mail 60c
- No. 344—48 in. long.....Each, 55c; by mail 95c

## R.H. Co.'s O.K. Broiler Feeder



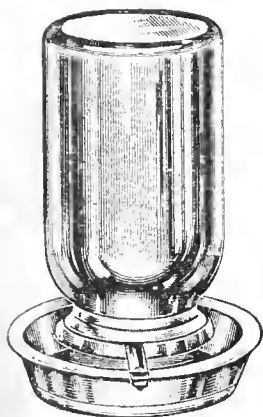
Made with metal guard and adjustable reel, both are on adjustable stand. These feeders can be used for chicks from 3 weeks old to pullet size, also for turkeys.

- No. 3942—42 in. long with ad. reel, each, \$1.20.
- No. 3942W—42 in. long with wire guard, each, \$1.35.

By mail add 30c each.

# R.-H. Co.'s Chick and Poultry Fountains

## Glass Pan Fountain



No. 65. The drinking dish or saucer is made of heavy molded clear glass, and the mason jar is held in position with a metal clip, which snaps on the dish, and is easily removed for filling or cleaning. A clean, safe fountain for buttermilk, sour milk, remedies, etc. Diameter of dish 6 in. (Mason jar not furnished.) Each, 15c; 6 for 75c. By mail, each, 25c; 6 for \$1.00.

## Automatic Fountain



Can be attached to iron pipe, barrel or tank; insures a continuous supply of fresh water.  
No. 30. Without pan, 85c; by parcel post, 95c.

No. 168—Hudson Float Valve. A sure and positive float valve for poultry fountains. Each, 90c; by mail \$1.00.

## Gem Chick Fountain

Easy to fill and clean; a good, serviceable fountain for chicks or growing fowls.

No. 158—1 gallon size. Each, 45c.  
No. 159—2 gallon size. Each, 70c.  
By mail, 20c each extra.



## Makomb Chick Fountain

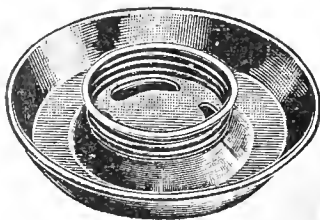


Tank and pan made of heavy galvanized sheet. Two-piece construction. Tank snaps into pan on glove fastener principle. Scalloped edges of drinking trough provide individual drinking space for chicks and they cannot get wet.  
No. 416—4-qt. size, 40c; mailed, 55c.

## Mason Jar Fountain

Constructed so that plenty of water is always in the pan. Pan will not overflow. Fits standard mason jar. We do not furnish the jars.

No. 69—Fountain Holder. Galvanized, Screw Type. Each, 10c; 3 for 25c. By mail, each, 20c; 3 for 40c.



## Star Fountain

No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar.

Price of holder, without jar: No. 32, galvanized. Each, 8c; 4 for 25c. By parcel post, each, 15c; 4 for 40c.



## Reliable Double Wall Fountain

This double wall waterer is top filled. Small automatic valve prevents pan overflowing while being filled. New pivot mounted disc on cover wobbles from side to side and positively prevents roosting on cover.

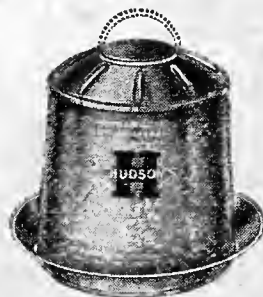
No. 5 Fountain, 5 gal. Each, \$2.50.  
No. 8 Fountain, 8 gal. Each, \$3.50.



## No. 67 For Buttermilk or Medicine

Bright charcoal tin—acid and weather-proof. For feeding medicine and milk. Cliptype. Each, 15c; 2 for 25c. By mail, each, 25c; 2 for 35c.

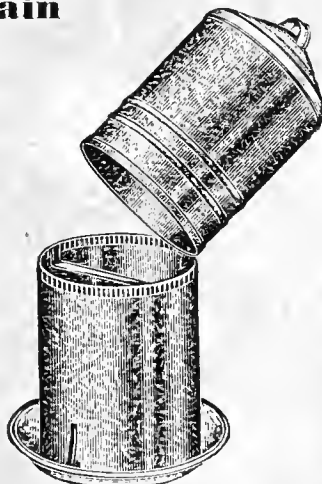
## Handy Fill Fountain



Capacity, 5 quarts; single wall fountain, made of galvanized iron. The pail and pan snap together on a glove fastener principle; especially designed for baby chicks, Handy to fill and clean.

5-qt. size. Each, 40c; mailed, 60c.

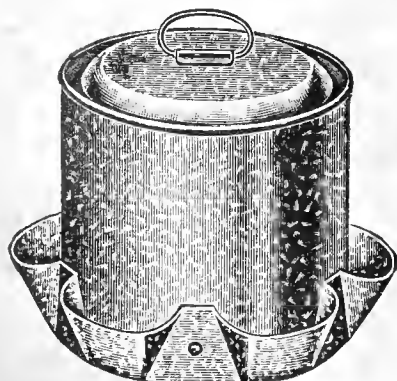
## The Dandy Double Wall Fountain



This new double wall fountain is top filled, keeps water cool in summer and retards freezing in winter. It operates on the vacuum system. No corks and no valves, easy to clean or fill; out can locks to inner can so it may be carried by handle when filled. Die drawn sloping top, prevents roosting. The drinking pan is seamless die drawn with smooth rolled edges. It is made of very heavy 26 gauge galvanized steel, sturdy and substantial. Can be used for hens or chicks.

Price No. 192—2 gal. size.....\$1.25  
Price No. 193—3 gal. size.....1.50

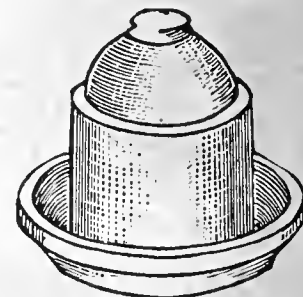
## Snap-On Chick Fountain



Inexpensive but good the scalloped pan has six drinking spaces, each large enough for two chicks to drink at once. Can fit snugly into pan and is held in place by friction. After filling, the can may be carried by the handle. The top is flat, so that can is easily filled when inverted. Made of heavy galvanized steel.

No. 100B—1-gallon size.....Each, 45c  
No. 100C—2-gallon size.....Each, 70c  
By mail, 20c extra.

## Stoneware Fountains



Made in two parts, the saucer being separated from the upper portion so it can be easily cleaned. These stoneware fountains are the best to have when using any medicine.

No. 1—For water only. 1 Qt., 30c; 2 qt., 45c; 4 qt., 60c.  
No. 2—For Buttermilk. 2 qt., 45c; 4 qt., 60c.

Extra Saucers.  
For 2 qt. Fountains. Each, 15c.  
For 4 qt. Fountains. Each, 20c.

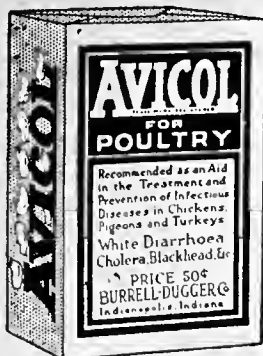
## Glass Cloth

Will take the place of hot bed sash, garage and barn windows and any purpose at a great saving, unbreakable and very light in weight. No glazing. Hammer and tacks are the only tools you need. Put up in rolls 3 feet wide. Price, 5 yards, \$1.20; postpaid \$1.40.



# R.-H. Co.'s Poultry Remedies

Vigor Personified



**ANIMAL POULTRY YEAST FOAM.** Makes Chicks grow fast, prevents diseases. 12 oz. pkg., 50c; 4 lb. box, \$1.00, Postpaid, 60c; \$1.15.

**AVIAN BACTERIN.** For inoculating and vaccinating chickens and turkeys. For Roup, 60 dose, \$1.00; 250 dose, \$4.00. For Cholera, 125 dose, \$2.00; 250 dose, \$4.00.

**SYRINGE AND NEEDLES.** \$1.50.

**FOWL POX VACCINE.** 100 dose, 90c. All postpaid.

**AVICOL.** Prevents and cures White Diarrhoea in chicks and grown fowls. 50c and \$1.00 boxes, postpaid.

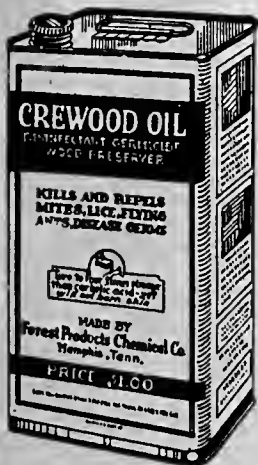
**"Black Leaf 40" KILLS LICE**

OUR "Cap-Brush" Applicator makes "BLACK LEAF 40" GO MUCH FARTHER

**JUST A DASH IN FEATHERS... OR SPREAD ON ROOSTS**

**BLACK LEAF 40.** Kills poultry lice by painting it on the roosting poles. 1 oz. bottle, 35c; 5 oz., \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; 10 lbs., \$10.60. Postpaid: 1 oz., 45c; 5 oz., \$1.10; 1 lb., \$2.35; 2 lbs., \$3.40; 5 lbs., \$6.15; 10 lbs., \$10.90.

**BLACK LEAF 40 WORM POWDER.** A flock treatment for all worms in poultry. 100 dose size, 75c; 600 dose, \$2.90, postpaid.



**CREWOOD OIL.** Kills mites and lice in the poultry house, termites and flying ants in houses. Qt., 40c; gal., 90c; 5 gal., \$2.50; 10 gal., \$4.50; drum, 50 gal., \$17.00. Can't mail.

**BEE DEE POULTRY AND STOCK POWDER.** A medicine for poultry and stock. 25c box, postpaid.

**CATECHU.** Used in drinking water to cure Coccidiosis in chickens. Box, 50c; postpaid, 60c.

**CHOLERINE.** Tonic and Conditioner. Cures Cholera and bowel trouble in chicks and hens. 8 oz. bottle, 35c; postpaid, 45c. 16 oz. bottle, 65c; postpaid, 75c.



**DON SUNG.** A tonic that makes hens lay. Box, 45 tablets, 50c; box, 135 tablets, \$1.00, postpaid.

## Dr. Salsbury's Poultry Remedies

Ask for Circulars

**AVI TABS.** Flock worm treatment. 60c; and \$1.00, postpaid.

**AVITONE.** Prevents worms in chicks. 2 lbs., 75c; 5 lbs., \$1.75. Postpaid, 90c; \$1.95.

**CAMPHOSAL.** For Roup in poultry. \$1.00 and \$1.50 sizes. Postpaid, \$1.10 and \$1.65.

**KAMALA TAPE WORM CAPSULES.** Adult size, 100, \$1.00, postpaid.

**PHENOSAL.** For bowel trouble in chickens and turkeys. 50c and \$1.00 sizes. Postpaid, 60c and \$1.10.

**RAKOS.** For Coccidiosis in chicks. Pint, \$1.00; postpaid, \$1.10.

**RABBIT TABLETS.** For bowel trouble. 25c and 50c sizes, postpaid.

**STOP PICK.** Prevents toe and vent picking. 6 oz. can, 50c; postpaid, 60c.

**SALSBUARY'S ROUP BACTERIN.** 60 dose. \$1.10, postpaid.

**SALSBUARY'S CHOLERA BACTERIN.** 60 dose. \$1.10, postpaid.

**SALSBUARY'S FOWL POX VACCINE.** 100 dose. 90c, postpaid.

**FLEISCHMAN'S YEAST.** A tonic and conditioner. Keeps poultry in perfect health. 3½ oz., 25c; ½ lb. can, 50c; 1 lb., 85c; 5 lbs., \$3.50. By mail 35c, 60c, 95c, \$3.70.

**GROUP OVER.** The over-night roup remedy. Gives quick results. 50c-\$1.00 bottles. Postpaid, 60c, \$1.10.

**GERMO CARBOLINE.** For disinfecting poultry houses. 8 oz. bottle, 30c; postpaid, 40c.

**GERMO FORM.** Cures and prevents colds in chickens. 8 oz. bottle, 50c; postpaid, 60c.

**GERMO POULTRY HOUSE HEALTH PAINT.** Kills lice and mites. ½ gallon can, 90c; postpaid, \$1.15.

**GERMOZONE.** Cures Roup, colds, Canker, Sorehead in poultry. 4 oz. bottle, 40c; 12 oz., 75c; 32 oz., \$1.50. Postpaid, 50c, 85c, \$1.70.

**GERMOZONE TABLETS.** Box, 25c, postpaid.

## Dr. Hess Remedies

**DR. HESS CHICK DIARRHOEA TABLETS.** 25c, 50c, \$1.00 sizes, postpaid.

**DR. HESS ROUP TABLETS.** 25c, 50c sizes, postpaid.

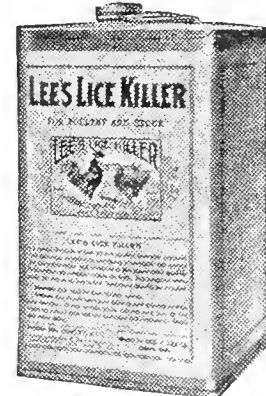
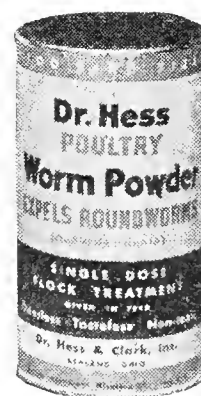
**DR. HESS LOUSE KILLER.** Lb. box, 25c; postpaid, 30c.

**DR. HESS WORM POWDER.** 50 dose size, 50c; 100 dose, 90c, postpaid.

**DR. HESS WORM TABLETS.** 40 tablet box, 50c, postpaid; 100 tablet box, \$1.00, postpaid.

**DR. HESS PANAMIN POULTRY POWDER AND TONIC.** 1½ lb. pkg., 25c; postpaid, 35c. 3 lb. pkg., 45c; postpaid, 60c. 7 lb. pkg., 85c; postpaid, \$1.10. 15 lb. pkg., \$1.75; postpaid, \$2.20. 25 lb. pkg., \$2.50; postpaid, \$2.95.

**DR. HESS HEALING POWDER.** For sores and scales. Can, 25c, postpaid.



**LEE'S POULTRY REMEDIES.** Lee Mulsion bottle, \$1.00; postpaid, \$1.10.

**LEE'S LICE KILLER.** Qt., 60c; ½ gal., 90c; gal., \$1.50. Postpaid, 75c, \$1.10, \$1.75.

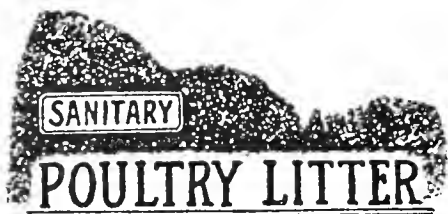
**KORUM.** Cures and prevents bowel trouble in chicks and turkeys. Used in the drinking water. 8 oz. bottle, 65c; 16 oz. bottle, \$1.00. Postpaid, 80c, \$1.20.

**LIME, HYDRATED FOR POULTRY HOUSE.** 10 lb. bag, 35c; 40 lb. bag, 60c. Cannot be mailed.

**OUR TOP NOTCH BABY CHICKS.** Are guaranteed 100 per cent live delivery. Avoid disappointment. Place your orders early for day-old chicks. We will book for shipment when you want them.

# NOPCO Cod Liver Oil

**NOPCO COD LIVER OIL.** Increases egg production, produces stronger chicks. Qt. can, 35c; 2 qts., 65c; gallon can, \$1.25. Postpaid, 50c, 85c, \$1.50.



**POULTRY LITTER.** A perfect deodorizer. It absorbs odors, keeps poultry houses sanitary. Bushel, 50c; ½ bale, \$2.00; bale, about 20 bu., \$3.00. Cannot be mailed.

**P. H. POWDERS.** A condition powder for all poultry. 4 oz. pkg., 50c; 1½ lb. pkg., \$1.50. postpaid.

## Pratt's Remedies

These are dependable and we recommend them in every way.



**PRATT'S CHICK TABLETS.** For White Diarrhoea. 25c and 50c size, postpaid.

**PRATT'S DISINFECTANT.** For poultry houses, barns, etc. Pint, 35c; postpaid, 50c. Qt., 50c; postpaid, 70c. 2 qts., 85c; postpaid, \$1.10. Gallon, \$1.45; postpaid, \$1.80.



**PRATT'S N. K. CAPSULES.** This new Split Action worm capsule, containing both Kamala and Nicotone, is safe, sure and effective. Adult size. Doz., 30c; 50, 75c; 100, \$1.25; 1,000, \$10.00, postpaid.

Chick and Pullet size. Doz., 20c; 50, 50c; 100, 90c; 1,000, \$6.50, postpaid.

**PRATT'S POULTRY REGULATOR.** Increases egg production, a most satisfactory preparation. 1½ lb. pkg., 25c; 4 lb. pkg., 50c; 12½ lb. pkg., \$1.40; 25 lb. pail, \$2.75. Postpaid, 40c, 70c, \$1.65 and \$3.20.



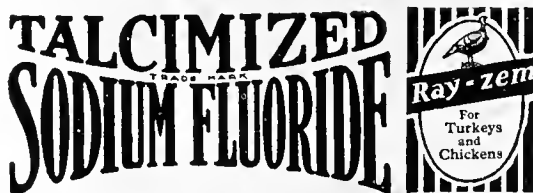
**PRATT'S R. P. TABLETS.** Roup tablets that prevent and cure colds and Roup. 25c and 50c pkg., postpaid.

**PRATT'S INHALANT.** A flock treatment for colds in poultry. Pint, 60c; qt., 90c. Postpaid, 75c, \$1.10.

**PRATT'S HEALING POWDER.** For sores and cuts. Tube, 30c, postpaid.

**PRATT'S WORM POWDER.** A flock treatment for round and pin worms in poultry. 100 hen size, 60c; 500 hen size, \$2.00. Postpaid, 75c, \$2.20.

**PRATT'S LICE POWDER.** Kills poultry lice effectively and quickly. 25c box; postpaid, 30c.



**RAY-ZEM.** A real preparation for Turkeys. Prevents and cures Black Head, Roup, etc. 4 oz. can, 50c; 8 oz. can, \$1.00; 16 oz. can, \$1.50; 32 oz. can, \$2.00; ½ gal., \$2.75. By mail 60c, \$1.10, \$1.65, \$2.20, \$3.00.

**SODIUM FLUORIDE.** Sure death to lice on poultry. water bugs, ants, and roaches. 35c and 60c cans. Postpaid, 40c and 70c.

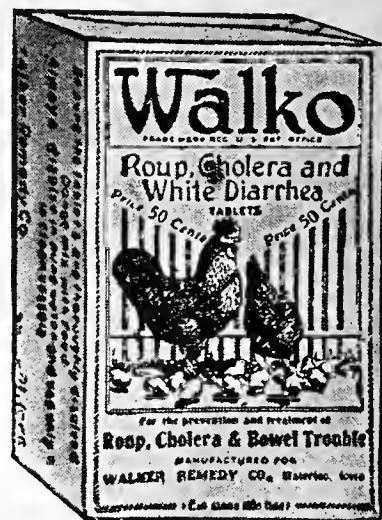
**RED STAR INSECTICIDE.** Sure death to gnats, mosquitoes, ants, roaches—won't stain. Qt., 65c; ½ gal., \$1.10; gal., \$2.00. Postpaid, 80c, \$1.30, \$2.25.



**THOUSAND DOLLAR REMEDIES.** \$1,000.00 Ant Bane, 35c-65c; \$1.25 can. \$1,000.00 Bed Bug Killer, 35c-65c. \$1,000.00 Roach Killer, 35c-65c; \$1.25 can. \$1,000.00 Flea Killer, 50c can. \$1,000.00 Moth Killer, 75c can. Postpaid, 10c each extra.

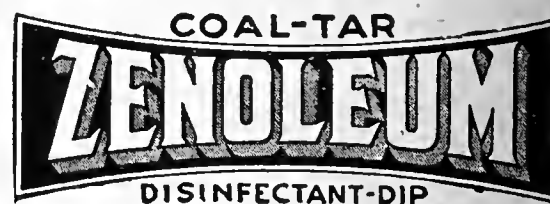
**TOBACCO POWDER, GOLD LEAF.** Use 2 lbs. to 100 lbs. of poultry mash to prevent worms in chickens. 2 lb. pkg., 25c; postpaid, 35c. 10 lb. pkg., 85c; postpaid, \$1.10.

**TOXITE.** The one known preventative of Coccidiosis in chicks. Spray Toxite once a week in the brooder room. It is wonderful. Gallon, \$2.00; postpaid, \$2.25.



**WALKO DIARRHOEA REMEDY.** Cures and prevents White Diarrhoea in baby chicks. 50c and \$1.00 sizes, postpaid.

**WORM R. TABLETS.** Individual treatment for worms, in chicks. 200 tablet size, \$1.00, postpaid.



**ZENOLEUM.** A wonderful disinfectant and germicide. 8 oz. can, 35c; postpaid, 45c. Qt. can, 75c; postpaid, 90c. ½ gal. can, \$1.25; postpaid, \$1.45. 1 gal., \$2.00; postpaid, \$2.25. 5 gal. can, \$7.00.



**GERMO FLY SHOO.** For live stock, cows, mules and horses only. Guaranteed satisfactory. ½ gallon can, 85c; gallon can, \$1.25.

**GERMO FLY NO MORE.** For household use. Will not stain. 8 oz., 35c; qt., 90c; gal., \$2.50.

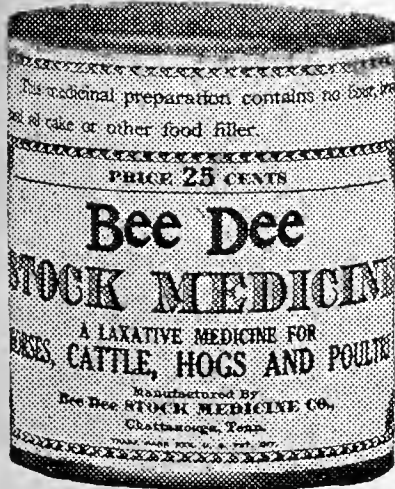
**FLIT HOUSEHOLD, FLY SPRAY.** ½ pt., 35c; qt., 90c; gal., \$2.50.

**FLIT FLY POWDER.** Dust or blow in the room. Will kill flies and mosquitoes. ¾ oz. can, 10c; 2¼ oz. can, 25c. By mail 5c each extra.

**Stock Remedies**



**BAG BALM.** Cures udder trouble and caked bags in cows. **Box, 60c, postpaid.**



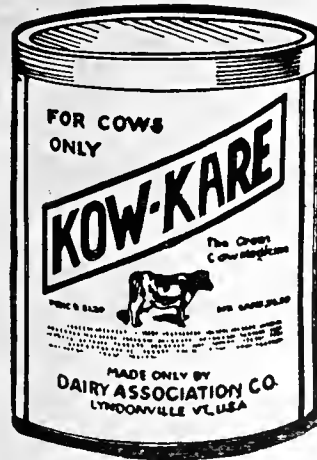
**BEE-DEE.** This is a real medicine for all stock. It will keep your animals in good condition and prevent diseases. **25c a box, 5 boxes, \$1.00, postpaid.**



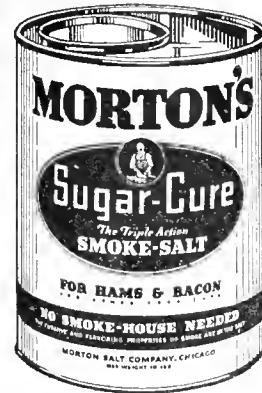
**BLACKMAN'S MEDICATED SALT BRICK.** Fine for all stock; medicated salt. **Brick, 25c; 5 bricks, \$1.00. Postpaid, brick, 40c; 5 bricks, \$1.25.**



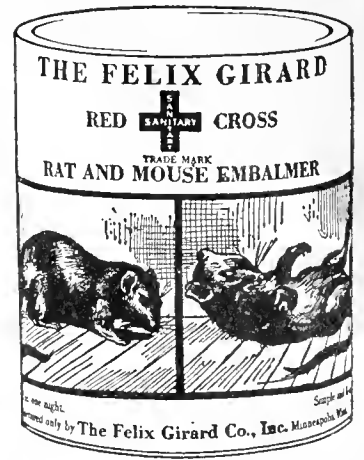
**DR HESS UDDER OINTMENT.** For cows it is a wonderful preparation. **Can, 50c, postpaid.**



**KOW KARE.** A medicine and tonic for cows and cows only; aids digestion, increases the milk, keeps cows healthy. **65c and \$1.25 cans. Postpaid, 75c and \$1.40.**



**SMOKE SALT-MORTONS.** Salts and smokes meat at one operation and gives the meat a perfect flavor. **2 1/2 lb. can, 25c; 10 lb. can, 90c. Postpaid, 35c and \$1.15.**



**MORTONS SAUSAGE SEASONING.** 3 oz. size, 10c; 10 oz. size, 25c. **Postpaid, 15c and 35c.**

**MEAT SMOKE.** After salting, use meat smoke on your meat. It is most satisfactory and dependable. We carry Deams and Old Smoke-house brands. **Pt., 45c; qt., 90c. Postpaid, 65c and \$1.10.**



**DR. HESS STOCK TONIC.** 1 1/2 lb. pkg., 25c; 3 lb. pkg., 45c; 15 lb. pkg., \$1.75; 25 lb. pkg., \$2.50. **Postpaid, 35c, 60c, \$2.00, \$2.95.**

**DR. HESS HOG SPECIAL.** 1 1/2 lb. pkg., 25c; 3 lb. pkg., 45c; 7 lb. pkg., 85c. **Postpaid, 35c, 60c, \$1.10.**

**Rat and Mouse Destroyers**

**COWLEY'S RAT AND MOUSE EXTERMINATOR.** This preparation is a scientific chemical compound, and is made in a way that attracts the rats and mice to drink it. This is the secret: They will drink it, and as it only requires a very small amount to kill, there is no telling how many can be killed in one night. **Price 50c. Mailed, 60c.**

**CYNOGAS.** Kills rats and moles by blowing the powder in their holes and runways in the ground. **1/2 lb. can, 45c; 1 lb. can, 75c; 5 lb. can, \$3.00. Not available.**

**MOUSE SEED.** No mixing needed. The perfumed seed attracts and kills the mice that eat it. **Box, 25c. Mailed, 35c.**

**RAT TABS.** Needs no mixing. Simply roll out a tab. **Box, 50c, postpaid.**

**RED CROSS RAT AND MOUSE EMBALMER.** A sure rat and mouse destroyer that does the work thoroughly without any odor. **25c, 50c and \$1.00 per can. Mailed, 35c, 60c and \$1.10.**

**SANASEED.** A seed that kills mice without fail. Money back if it fails. **Pkg., 15c. Mailed, 20c.**

**\$1000 GUARANTEED RAT KILLER.** Money back if it fails to satisfy. **Pkg., 35c. Mailed, 45c.**

**TOP ZOL.** Prepared rat baits ready for instant use; do they like them, and how! It is non-poisonous to humans or pets. **15c per bag. Mailed, 20c.**

**ZELIO RAT POISON.** A powerful rat and mice destroyer. It acts slowly and the animal leaves the premises instead of dying in the hole. **2 oz. tube, 50c. Mailed, 60c.**

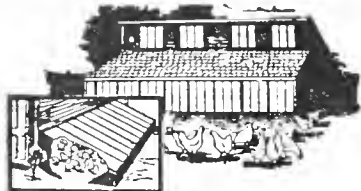


**PRATT'S ANIMAL REGULATOR.** A conditioner and tonic for all live stock. **Small pkg., 25c; med. pkg., 50c; large pkg., \$1.00; 25 lb. pail, \$2.75. Postpaid, 35c, 65c, \$1.25, and \$3.20.**



**SALVET.** A worm destroyer, digester, and conditioner for sheep, hogs and other animals. **3 lb. pkg., \$1.00; 7 1/2 lb. pkg., \$2.10; 15 lb. pkg., \$3.60. Postpaid, \$1.15, \$2.25, \$3.95.**

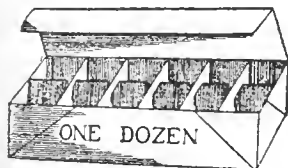
**Glass Cloth**



Glass Cloth is excellent for Brooder Houses, Hotbeds, Cold Frames, Windows, etc., and is a substitute for glass, except for roofing. Glass Cloth comes 3 feet wide.

Piece, 5 yds. long, \$1.20; mailed, \$1.40  
 Piece, 10 yds. long, 2.20; mailed, 2.50  
 Piece, 15 yds. long, 3.00; mailed, 3.35

**Cardboard Egg Cartons**



These are intended for delivering eggs to consumers. Hold one dozen each; has two rows, six eggs each. Doz., 20c; 100, \$1.20; 500, \$5.50. Mailed,

Doz., 30c; 100, \$1.45.

**POULTRY LEG BANDS  
"Bandettes"**

Bandettes are strongly made, the numbers are indestructible, being impressed in bold type. Bandettes come in the following colors: Red, blue, green. Three sizes—baby chicks, Leghorns, and Rocks or Reds. With our selection of numbers: 25, 50c; 100, \$1.25, postpaid.



**Large Raised Figures**

These are adjustable to fit any size fowl. Numbers 1 to 200. Light in weight, made of aluminum. Doz., 15c; 25, 25c; 100, 65c, postpaid.

**Colored Celluloid Leg Bands**

These slip on like a key ring—white, black, green, blue, and red. Made in all sizes. When ordering, state what breed, size and color you want them. Hen size, doz., 15c; 50, 35c; 100, 60c. Pullet Size, doz., 10c; 50, 30c; 100, 50c. Chick Size, doz., 10c; 50, 25c; 100, 40c.



**Reliable Colored Leg Bands**

Made of aluminum with colored numbered inserts. Adjustable for any size. Doz., 20c; 25, 35c; 100, \$1.00, postpaid.

**Coloroid Chick Bands**

Can be used several times. Orange, black, white, dark green, red. Not numbered. 25 for 15c; 100 for 35c, postpaid.

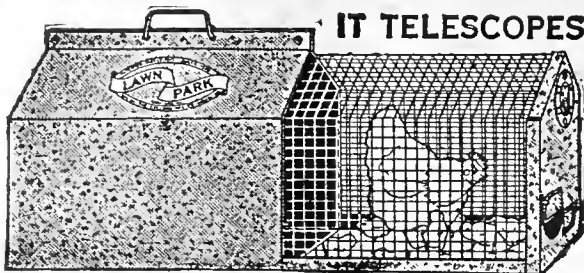
**Baby Chick Shipping Boxes**

25 Chick Box. Doz., \$0.75; mailed, \$1.00  
 50 Chick Box. Doz., 1.00; mailed, 1.40  
 100 Chick Box. Doz., 1.50; not mailable  
 Prices, 100 Lots, f.o.b. Memphis  
 25 Chick Box, 100.....\$ 6.50  
 50 Chick Box, 100..... 8.00  
 100 Chick Box, 100..... 12.00

**Brooder Wicks**

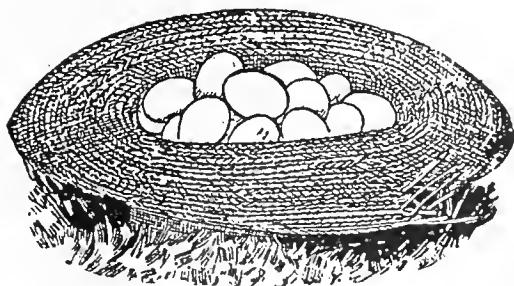
All sizes, cotton and red felt, each...\$0.05  
 Two sizes, asbestos, each..... .20  
 Two sizes, Kerogas, each.....\$0.40 .65

**The Lawn Park Brood Coop**



The wire park pulls out like bureau drawer and is made from heavy galvanized wire netting. Size of coop, 18 inches wide, 19 1/2 inches high, 48 inches long. Protects the chicks from hawks, rats, weasels, vermin, cold and storms. It is so ventilated that when park is pushed in the air circulates freely without admitting rain or snow. The coop has removable galvanized bottom. Each, \$2.75, set up, ready to use, f.o.b. Memphis. Lots of 6, K.D., f.o.b. factory, each, \$2.00.

**Nest Eggs**



Prices as follows:

	Doz.	Parcel Post
China .....	\$0.30	\$0.40
Wooden .....	.40	.50
Lice Expelling.....	.65	.75

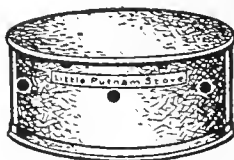
**Poultry Punches**

These are made for marking baby chicks by punching a hole between the toes.

	Postpaid
Pocket size Punch.....	\$0.20
Moe's No. 39 Ideal Punch.....	.35

**The Little Putnam Stove**

Keeps drinking water from freezing. Costs only 20c to 30c for oil to run an entire winter. Make your own oat sprouter with a Little Putnam Stove. Price, \$1.25; by parcel post, \$1.50.



**Brooder Lamp Burners**

No. 1. Each, 35c; by parcel post, 45c.  
 No. 2. Each, 45c; by parcel post, 55c.  
 No. 3. Each, 55c; by parcel post, 65c.  
 No. 214. Double Burner. Size No. 3. Each, 75c; by parcel post, 85c.



**Brooder Chimneys**

Lamp chimneys for Incubators and Brooders. No. 2 Chimneys, each, 20c; by parcel post, 30c. No. 3 Chimneys, each, 20c; by parcel post, 30c.

**Philadelphia Caponizing Set**

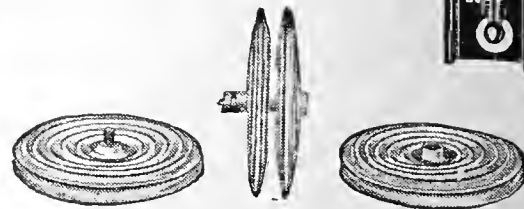
One of the chief advantages of caponizing is that it makes the fowl grow faster, the meat sweeter. The operation is very simple, and instructions are furnished with each set. \$2.50 each, postpaid.

**Thermometers**

No. 127. 4 1/2-inch flat metal for brooders, 50c.  
 No. 5776. Tycoos Incubator Thermometer, 75c.  
 By parcel post, add 10c each.



**Thermostat Wafers**



Double units with solid post between, making each wafer independent of the other. Accurate and durable. Fits all brooders. Price, 3-inch double thermostat, each, 25c; postpaid, 35c.

**Smoke Pipe for Brooders**

No. 114. Black, 2-foot lengths. 4-inch, each, 20c; 5-inch, each, 25c.

**Smoke Pipe Top Cap**

Chimney Cap for Moe's No. 440 Roof Saddle or other Brooder Stove Pipes. Keeps out rain and snow and improves the draft.

No. 444. Chimney Cap for 4-in. pipe. Each, 35c.  
 No. 445. Chimney Cap for 5-in. pipe. Each, 40c. Mailing, 15c each extra.

**Roof Saddles for Brooder Pipe**

Moe's No. 440. 4-inch Roof Saddle, without cap. \$1.35.  
 Moe's No. 441. 5-inch Roof Saddle, without cap. \$1.45. Mailed, 25c each extra.



**Corrugated Elbows**

3-inch, each .....\$0.10  
 4-inch, each ..... .15  
 5-inch, each ..... .15

**Pipe Collars**

No. 117. Pipe Collars. 6x4, 6x5. Each, 10c.

**Brooder Lamp Bowls**



No.	Bowls	Each	Post-paid
No. 1.	Bowls.....	\$0.50	\$0.60
No. 2.	Bowls.....	.60	.75
No. 3.	Bowls.....	.75	.90

**Dandy Egg Tester**

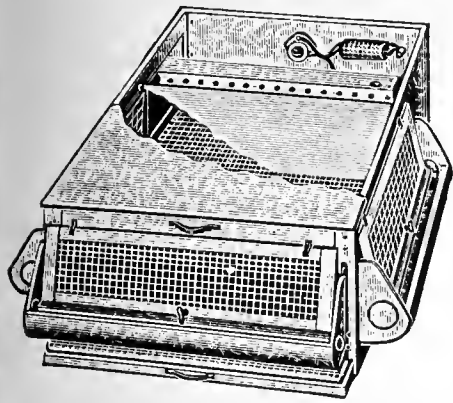
Will test eggs accurately for all purposes. Each, 20c; mailed, 30c.

**Phen-O-Sal Tablets**

Should be put in the drinking water every week. They are dependable for fowls of all ages. 50 tablets, 50c; 125 tablets, \$1.00. Postpaid, 60c and \$1.10.

# R.-H. Co.'s Brooders

## Gro-Ezy Electric Battery Brooder



A sweeping success, a new Gro-Ezy Brooder with woven wire doors which admit more light, equipped with automatic thermostat heat control, long electric heating element, heavy curtains, heavy wire floors. Wide and deep troughs which do not waste feed and are adjustable; removable dropping pans, sanitary and easily cleaned.

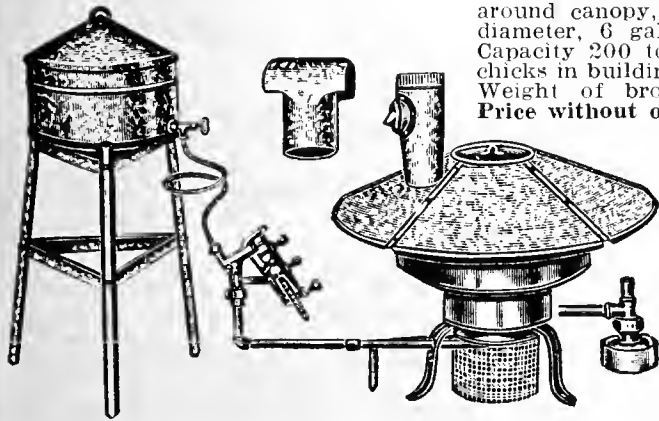
Gro-Ezy Brooders should be operated in a room that is heated to 75 degrees with a good brooder or coal stove.

The operating cost of Gro-Ezy Electric Brooders is low, uses only about one kilowatt in 24 hours. Capacity from 70 to 100 chicks.

No. 801. Complete with woven wire door (as illustrated), heating element, feed and water trough, \$8.50.

## Hudson Silent Oil Burning Brooders

Equipped with Apex Hushed flame burner that is safe and quiet. Does not make any noise. A modern dependable heater for brooder houses; efficient, safe and reliable. No wicks or lighting rings are used, burns a hot intense blue-white flame and does not smoke. It has a wide range of heat with thermostatic control, easily adjusted for any weather. Burns ordinary distillate 38-40 fuel oil or burns kerosene oil if preferred.



**Hudson No. 132 Silent Brooder.** Has 4 sections around canopy, 32 inches in diameter, 6 gallon oil tank. Capacity 200 to 500 dry-old chicks in building 10x12 feet. Weight of brooder 45 lbs.

Price without oil tank stand, \$11.50. Price with oil tank stand, \$12.45.

**Hudson No. 148 Silent Brooder.** This has a 48 in. Hexagon shaped canopy, fuel tank 6 gallons, recommended for rooms 12 by 14 feet and

it will brood 300 to 600 chicks; weight brooder 55 lbs. Price without oil tank stand, \$13.75. Price with oil tank stand, \$14.70.

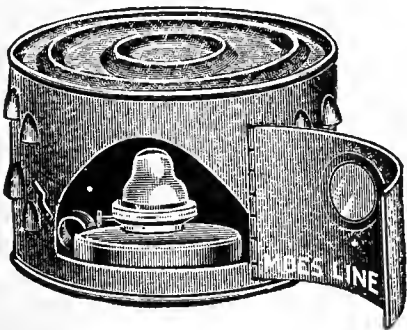
Ventilating pipes if wanted, 25c per joint extra. F.o.b. Memphis.

## Brooder and Fountain Heaters

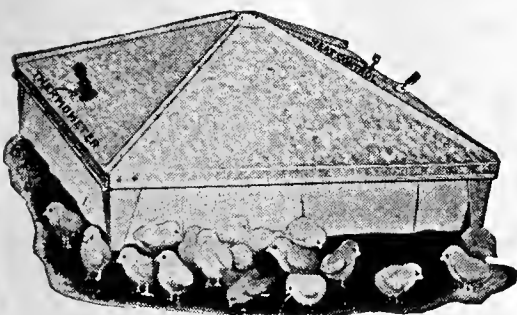
These can be used in a small box and they will keep chicks comfortable and warm. Also good for preventing water fountain from freezing.

No. 10—Oil Burning Heater, \$1.75; mailed, \$1.95.

No. 15—Electric Heated, \$2.00; mailed, \$2.20.



## Oakes Electric Brooders



Are equipped with a guaranteed dependable Thermostat, which controls the heat in any kind of weather. Canopy heavily insulated, economical to operate. They save time and labor in raising chicks.

No. 732—Oakes Electric Brooder. Square canopy, width 32 inches, 150 chick capacity, \$10.50.

No. 520—Oakes Electric Brooder. Hexagon canopy, width 28 inches,

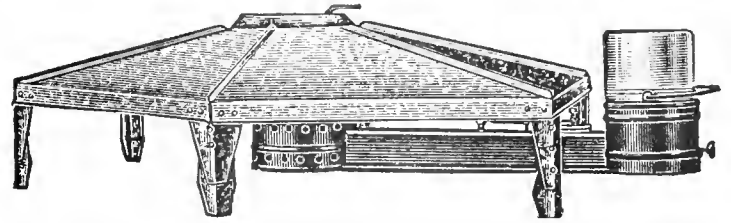
capacity 100 chicks, \$8.25.

## Vaccinate Chicks

At twelve weeks, vaccinate your baby chicks against Fowl Pox. Use Avian Fowl Pox Vaccine.

Stop costly infection; it will insure a healthy, paying flock. It is quick, simple, safe and effective. 100-dose size, 90c, postpaid. Full directions come with Avian Vaccine.

## Sturdy Boy Blue Flame Oil Burning Brooder



A complete trouble free chick brooder, burns kerosene, has a giant five inch rigid burner with automatic heat control, operated by a brass thermostatic wafer, with a new and improved heat equalizer that keeps chicks comfortable in any kind of weather at any location under the canopy.

This smokeless and fumeless brooder is the best buy on the market, made in two sizes.

No. 842—42 inch canopy, 300 chick capacity.....\$ 9.50

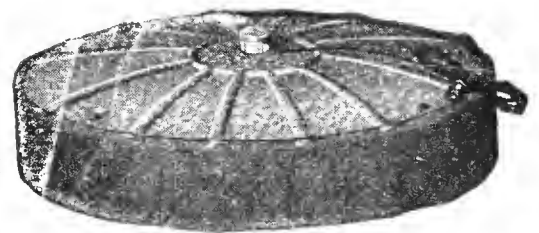
No. 852—52 inch canopy, 500 chick capacity..... 10.50

## R.H. Co.'s Save-All Electric Hover Brooder

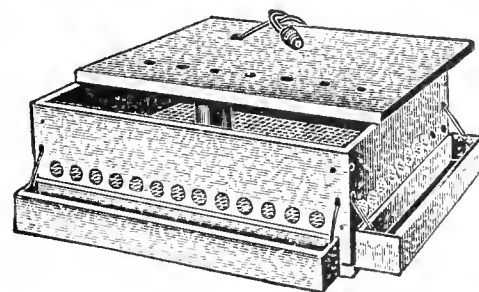
Just the right size for those who hatch or buy only a few chicks. It will take care of 100 or less, giving the same advantages as the large outfits.

It is heated with a light bulb using very little current so that if you brood only 25 chicks it is economical to use.

Galvanized canopy 24 inches in diameter, stamped out of one piece and corrugated to give it strength. Complete with bulb and extension cord, weight 8 lbs. Price, No. 24, \$2.50; by mail, \$2.85.



## All Metal Box Brooder

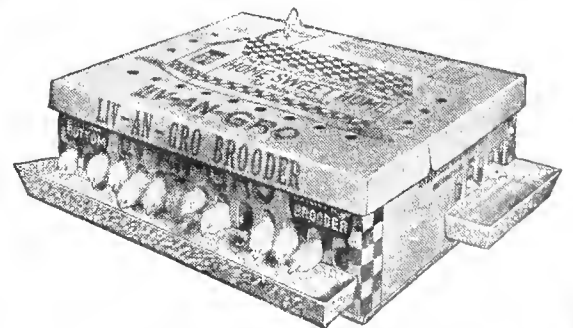


Made entirely of galvanized steel. It is much superior to the paper box brooders, accommodates 50 chicks, size 18x22x6 inches high, complete with galvanized dropping pan, feed and water trough; uses ordinary electric light bulb. The hardware cloth floor is of 1/2 inch mesh. It is ideal for starting small lots of chicks. Electric bulb not furnished.

No. 375—All Metal Box Brooder, \$2.30; by mail, \$2.70.

## Liv-An-Grow Electric Brooders

A low-priced primary brooder, the box is made of strong fibre with a wire screen floor. It is also durable, waterproof, and equipped with feed and water pans. The outfit consists of Brooder Box, ten feet of electric cord, porcelain socket with terminal plug and a circulating drum to enclose the bulb. Electric light bulb is not furnished. Size of brooder 20 by 24 inches, 7 1/2 inches high.



Price without dropping pan, only \$1.95; by parcel post, \$2.25.

Rack with dropping pans for 6 brooders, without brooders, \$7.50

## Poultry Litter

A perfect scratching material for baby chicks. A deodorizer, absorbent, disinfectant and labor-saving litter. It absorbs all the moisture from droppings. Bushel bag, 50c; half bale, \$2.00; large bale, about 20 bu., \$3.00, f.o.b. Memphis.

# TOP NOTCH DAY-OLD BABY CHICKS

Top Notch baby chicks are hatched from good flocks, chicks that will live and grow if properly handled. Top Notch chicks are No. 1 grade from selected flocks, not hatched from promiscuous eggs. All chicks are shipped from the hatchery regularly every Monday and Thursday.

## ORDER EARLY

And book your chicks at least two weeks before you want them. In this way you will be sure to get chicks at the proper time and avoid disappointment.

## SHIPPING CHARGES PREPAID

All prices on baby chicks given below are postpaid anywhere in the U. S.

## Top Notch "A" Quality Chicks

Our Top Notch "A" Quality Chicks are from selected pure bred birds produced from free-range flocks, thereby insuring strong, vigorous chicks. Recommended for broilers and general utility.

Prices prepaid for delivery Jan., Feb., March and April.

	25	50	100
Brown and White Leghorns.....	\$2.25	\$4.25	\$7.50
Barred, Buff and White Plymouth Rocks.....	2.50	4.50	8.00
Rhode Island Reds and White Wyandottes.....	2.50	4.50	8.00
Buff Orpingtons and Silver Laced Wyandottes.....	2.50	4.75	8.50
Heavy Assorted .....	2.25	4.25	7.50

## Top Notch "AA" Quality Chicks

Our Top Notch "AA" Quality Chicks are from highly productive flocks. All are officially blood tested and culled for the past five years, and chicks from these flocks will give finest results.

Prices prepaid for delivery Jan., Feb., March and April.

	25	50	100
Anconas, Brown and White Leghorns.....	\$2.50	\$4.75	\$8.50
Barred Rocks, Buff Rocks and White Rocks.....	2.75	5.00	9.00
Buff Orpingtons and Rhode Island Reds.....	2.75	5.00	9.00
Silver Laced Wyandottes, White Wyandottes.....	2.75	5.00	9.00
Jersey White Giants.....	3.50	6.25	11.50
Black Minorcas and New Hampshires.....	2.75	5.25	9.50
Heavy Assorted .....	2.50	4.75	8.50

## Top Notch "AAA" Finest Quality Chicks

Our Top Notch "AAA" Finest Quality Chicks are the very best that can be produced. They are from flocks headed by pedigreed and R.O.P. males, officially blood tested for BWD and all reactors removed. These tests have been made within the last twelve months. Quality in chicks will give results beyond your expectations.

Prices prepaid for delivery Jan., Feb., March and April.

	25	50	100
Anconas, Brown and White Leghorns.....	\$3.70	\$6.95	\$12.90
Barred, Buff and White Plymouth Rocks.....	3.70	6.95	12.90
Buff Orpingtons and Rhode Island Reds.....	3.70	6.95	12.90
Silver Laced Wyandottes, White Wyandottes.....	3.70	6.95	12.90
Jersey White Giants.....	4.25	8.25	15.50
Black, Buff and White Minorcas.....	3.75	7.00	13.00

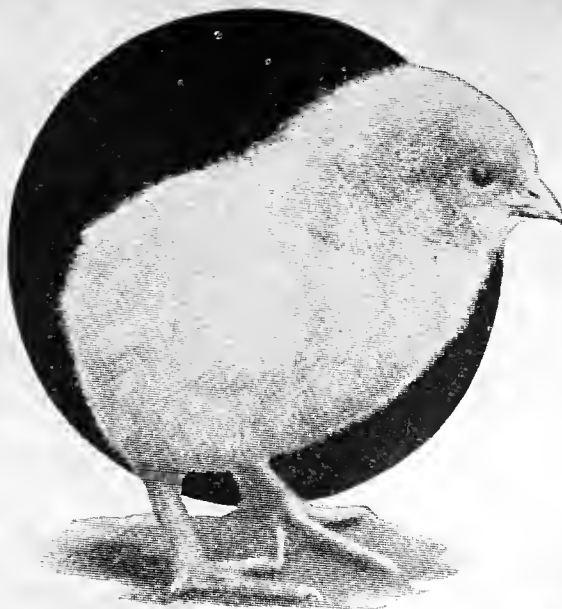
## White Pekin Baby Ducks

Shipped every Wednesday after March 15th. Prices below are parcellpost paid, 100 per cent live delivery guaranteed. Ducks are easy to raise—just keep the little fellows warm in early spring and watch them grow.

Prices—25, \$4.25; 50, \$8.00; 100, \$15.00. Remember, these prices are postpaid to your address.

## Vaccinate Chicks

At twelve weeks, vaccinate your baby chicks against Fowl Pox. Use Avian Fowl Pox Vaccine; it will insure a healthy, paying flock. It is quick, simple, safe and effective. 100-dose size, 90c, postpaid. Full directions come with Avian Vaccine.



## The Chicks You Start Early

Are the most profitable. Don't delay, order today, avoid disappointment.

## 100% LIVE DELIVERY GUARANTEED

You will absolutely get full count and we guarantee 100% live delivery on our Top Notch quality chicks.

All orders are acknowledged promptly. Remit by Post Office or Express money order. Terms on baby chicks are cash to all. Prices subject to change.

## America's Leading Poultry and Chick Feed

Ful-O-Pep Feeds are manufactured from the finest grains money can buy; quality counts, get free folder giving full facts, why it will pay you to use them.

**FUL-O-PEP CHICK STARTER.** Contains oatmeal grain products, Cod Liver Oil, Yeast and Minerals.

**FUL-O-PEP GROWING MASH.** Should be used when chicks are eight weeks old.

**FUL-O-PEP FINE CHICK GRAIN.** The finest quality of milled grains are used in this feed.

**FUL-O-PEP EGG MASH.** Will make your hens lay regularly and keep them healthy and active.

**FUL-O-PEP COARSE CHICK.** For growing fowls made only from fresh grains of the best quality.

**FUL-O-PEP HEN SCRATCH GRAINS.** Should be fed in combination with Ful-O-Pep Egg Mash.

Prices on all Ful-O-Pep Poultry Feeds given on our Green Ink List.

**BONE MEAL.** Fine or coarse for poultry and chicks.

**DRIED BUTTERMILK.** Should be used in all chick meal.

**MEAT SCRAPS.** Excellent for feeding to Poultry.

**POULTRY GRIT.** For chicks or hens.

**OYSTER SHELL.** Made in two sizes for chicks or hens.

**RED CROSS GRIT.** Especially for pigeons.

**PIGEON FEED.** With or without corn.

**ROLLED OATMEAL.** Fine for Baby chicks.

**RABBIT MASH.** Keeps them healthy.

**SUNFLOWER SEED.** For feeding.

**SCHUMAKER CALF MEAL.** A perfect milk substitute.

Prices Quoted on Green Ink List







# RUSSELL-HECKLE'S SUPREME GLADIOLUS



Picardy

Minuet

Twelve grand varieties, the very best of their color. They are offered to you as such, having been thoroughly proven in this section.

These are all No. 1 size bulbs that will produce the largest flowers. Our bulbs are free of disease, thrip, etc. All Gladiolus lovers will be highly pleased with them. Gladiolus are easy to grow; complete culture directions will accompany each order.

Prices quoted on the following varieties are parcel post paid.



Giant Nymph

Peace

**BELINDE**  
A new creamy yellow variety with large open flowers, very showy.  
Doz., 40c; 50, \$1.25; 100, \$2.25

**BETTY NUTHALL**  
Light coral with pale orange throat, flowers often six inches across. One of the best Gladiolus of late introductions.  
Doz., 40c; 50, \$1.25; 100, \$2.25

**COMMANDER KOEHL**  
Brilliant scarlet, blood red with large open flower on large stems, makes a fine display anywhere.  
Doz., 50c; 50, \$1.75; 100, \$3.25

**GIANT NYMPH**  
La France pink with creamy yellow throat. A glorious variety that attracts attention everywhere.  
Doz., 40c; 50, \$1.25; 100, \$2.25

**GOLDEN DREAM**  
Large, well expanded flowers of golden yellow. A robust and vigorous variety.  
Doz., 40c; 50, \$1.25; 100, \$2.25

**MRS. LEON DOUGLASS**  
Begonia rose striped flame and brilliant scarlet. Said to be the largest Gladiolus now in existence.  
Doz., 40c; 50, \$1.25; 100, \$2.25

**MINUET**  
Beautiful clear light lavender, considered the last word in a light lavender Gladiolus.  
Doz., 50c; 50, \$1.75; 100, \$3.25

**PEACE**  
Pure white with pale lilac feathering on interior petals.  
Doz., 40c; 50, \$1.25; 100, \$2.25

**PICARDY**  
A most sensational flower of delicate apricot pink, very large, slightly ruffled, truly an exhibition variety.  
Doz., 60c; 50, \$2.25; 100, \$4.00

**PURPLE GLORY**  
Beautiful ruffled flowers of deep velvety maroon black with almost black blotches.  
Doz., 50c; 50, \$1.60; 100, \$3.00

**W. H. PHIPPS**  
Enormous flower of La France pink, overlaid with salmon rose, lighter toward the center.  
Doz., 50c; 50, \$1.60; 100, \$3.00

**VEITCHENBLAU**  
The first large blue Gladiolus, the entire flower appears at first to be made of blue velvet, the sheen is so beautiful.  
Doz., 50c; 50, \$1.75; 100, \$3.25



Golden Dream

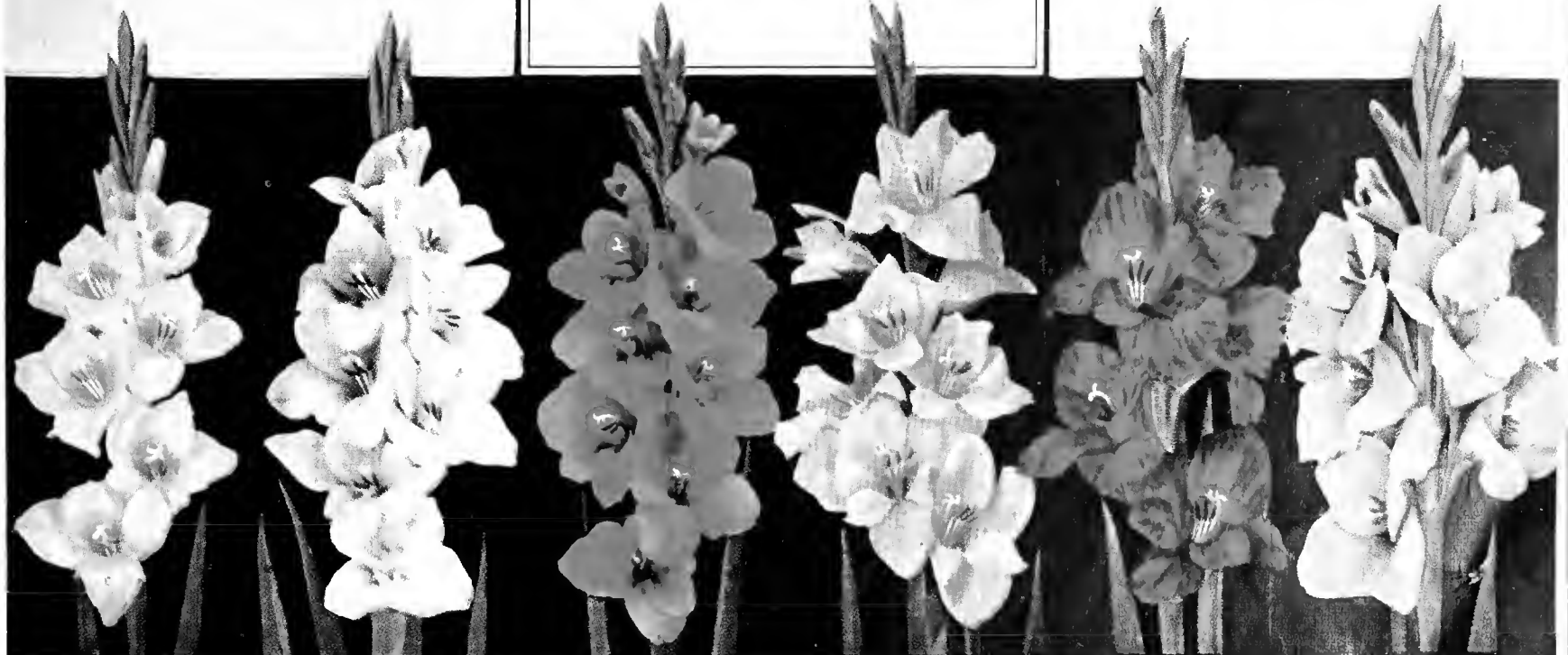
Betty Nuthall

## SPECIAL OFFER

One each of above Gladiolus, 12 bulbs...	<b>\$ .45</b>
Two each of the above Gladiolus, 24 bulbs...	<b>.85</b>
Five each of the above Gladiolus, 60 bulbs...	<b>1.80</b>
Ten each of the above Gladiolus, 120 bulbs..	<b>3.00</b>

ALL PARCEL POST PAID

For list and prices on other varieties of Gladiolus, see page 48



Commander  
Koehl

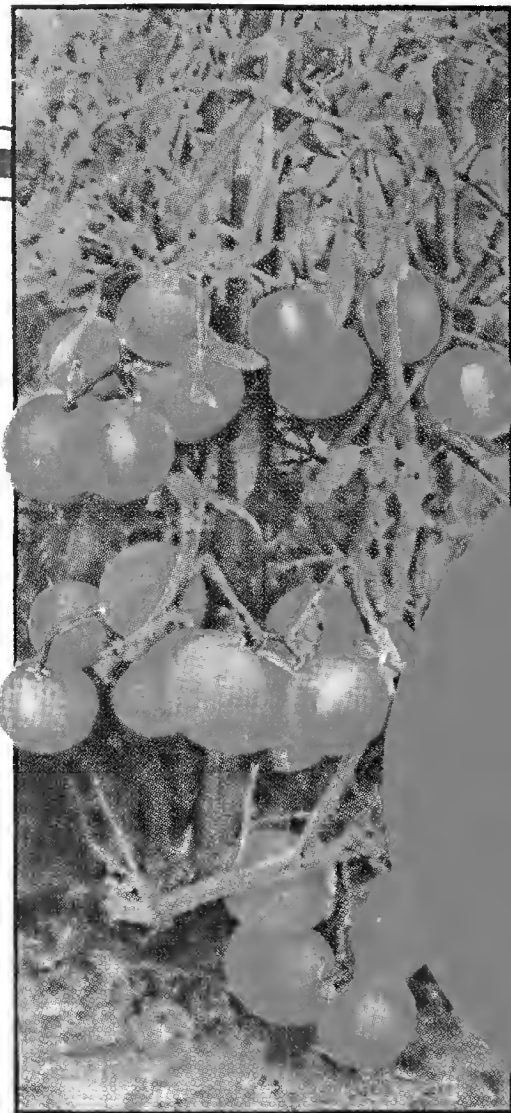
W. H. Phipps

Purple Glory

Veitchenblau

# R. H. Co's MASTER MARGLOBE TOMATO

(Certified)



Our stock of this grand variety is produced from the original stock seed obtained at the time of its introduction from the U. S. Department of Agriculture, Washington, D. C. No other Tomato ever introduced has been acclaimed as quickly as this remarkable variety. It is an all purpose tomato in every way; good for market, canners or home gardeners. It is particularly valuable for shipping and has proven to be decidedly disease resistant, especially against Fusarium Wilt and Nail Head Rust. The plants are vigorous and productive, bearing a large crop of nearly globe shaped fruits; deep scarlet in color, very smooth, and of good size, ripens up evenly, colored from stem to blossom and the inside of fruit is solid, meaty, juicy and of fine flavor.

Pkt., 10c; 3 pkts., 25c;  
1/2 oz., 35c; 1 oz., 65c;  
2 oz., \$1.10; 1/4 lb.,  
\$1.75; 1/2 lb., \$3.00; 1 lb.,  
sealed bags, \$5.75 post-  
paid.

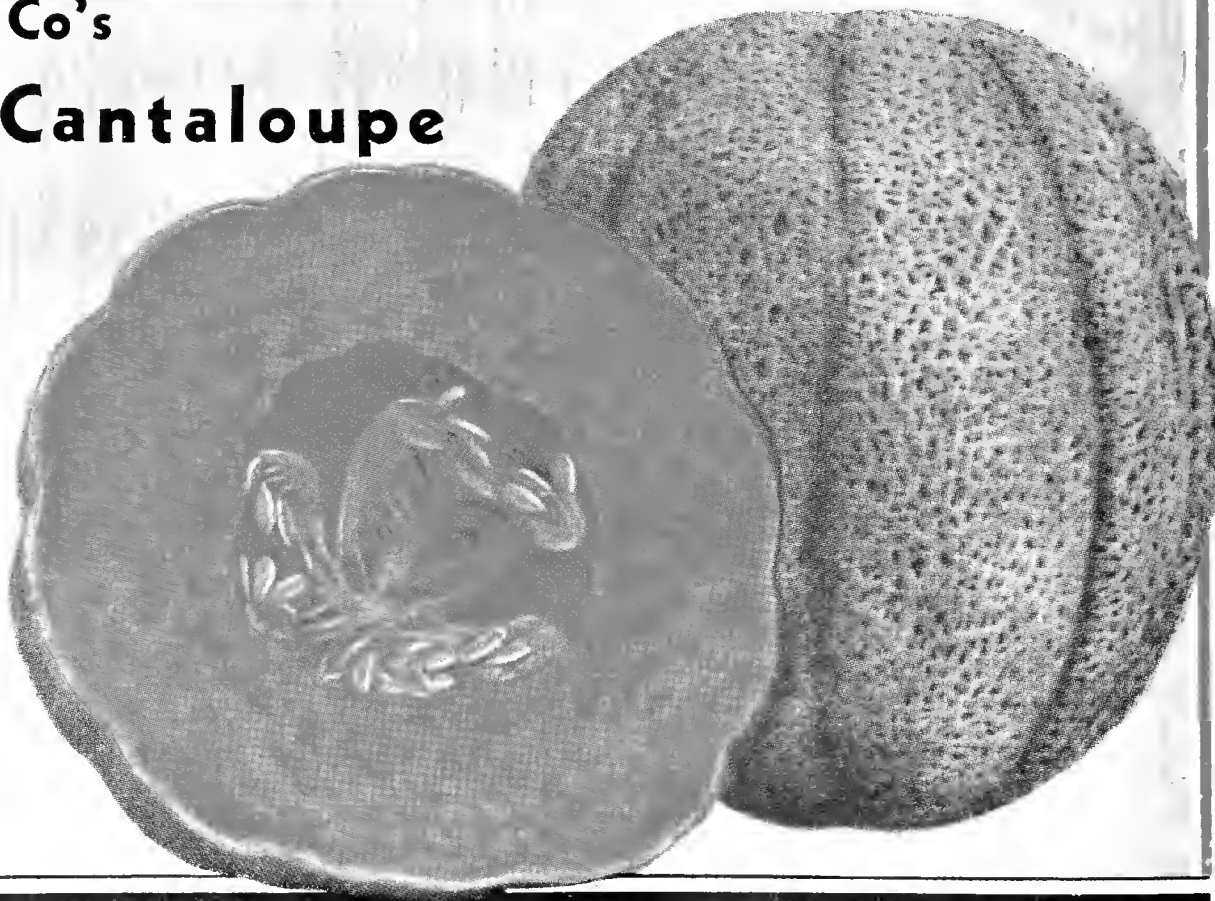
R. H. Co's

## Dee-Licious Cantaloupe

Ripens in about 82 days. Has deep orange flesh of the finest flavor, sweet and sugary; oval in shape, covered with light green fine netting. The individual melons weigh about 2 lbs. each.

Our grower states it is simply Dee-Licious. See that the melons are fully ripe before picking and you will enjoy the finest, sweetest cantaloupe and one that in aroma and quality is superb. If you are growing for market, plant Dee-Licious and your customers will be waiting anxiously for you to come back soon with more of those grand, good melons.

Pkt., 10c; 3 pkts., 25c; oz., 30c;  
2 oz., 45c; 1/4 lb., 75c; 1 lb. \$2.00  
postpaid.



# RUSSELL-HECKLE SEED COMPANY

26 S. Front St.

Wholesale Warehouse, Linden Station

Memphis, Tenn.